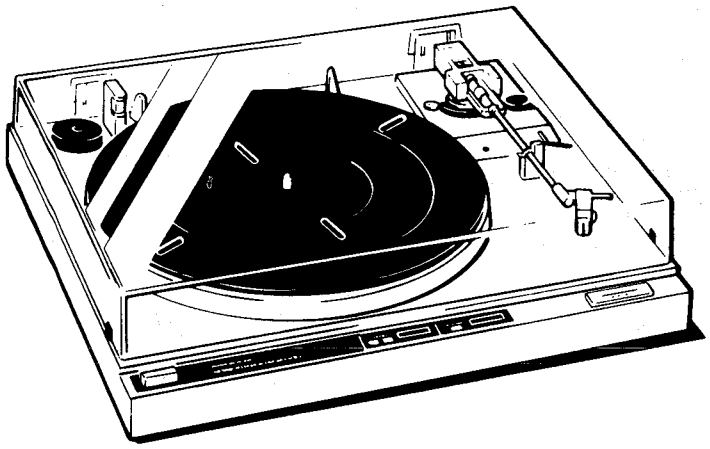
PS-LX430/430C/431/431N/433

SERVICE MANUAL



PS-LX430:
US Model

PS-LX430C:
US Model
Canadian Model

PS-LX431:
AEP Model
UK Model
E Model

PS-LX431N:
US Model

PS-LX433:
US Model

SPECIFICATIONS

Turntable

Platter	30.0 cm(12 in.), aluminum-alloy diecast
Motor	DC servo motor
Drive system	Belt drive
Control system	DC servo control system
Speed	33⅓ rpm, 45 rpm
Start-up time	Comes to nominal speed within ½ rotation (33⅓ rpm)
Wow and flutter	0.045% (WRMS)
Signal-to-noise ratio	70 dB (DIN-B)
Automatic system	Lead-in, return, reject, repeat, record size selection
Suspension system	High elasticity gel insulator

Tonearm

PS-LX430/430C/433:

Type	Statically balanced
Pivot-to-stylus length	216.5 mm (8½ in.)
Usable cartridge	Plug-in type, 6 g Sony VL-45G
Tracking error	+3, −1

PS-LX431/431N:

Type	Dynamically balanced
Pivot-to-stylus length	216.5 mm (8½ in.)
Overhang	16.5 mm (22/32 in.)
Tracking error	+3, −1

Cartridge

PS-LX430C: VL-45G

Type	Moving magnet type
Frequency response	20 Hz to 20 kHz
Channel separation	20dB at 1 kHz
Output voltage	3.5 mV at 1 kHz, 5 cm/sec.
Load impedance	50 to 100 kilohms
Tracking force	1.25 g
Stylus	Sony ND-145G (conical 0.6 mil diamond)
Weight	6 g
PS-LX430/LX433	Not supplied

PS-LX431: VL-42G

Type	Moving magnet type
Frequency response	20 Hz t0 20 kHz
Channel separation	16 dB at 1 kHz
Output voltage	2.5 mV at 1 kHz, 5 cm/sec.
Load impedance	50 to 100 kilohms
Tracking force	2 g
Stylus	Sony ND-142G (conical 0.6 mil diamond)
Weight	8 g

—Continued on page 2—

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MICROFILM

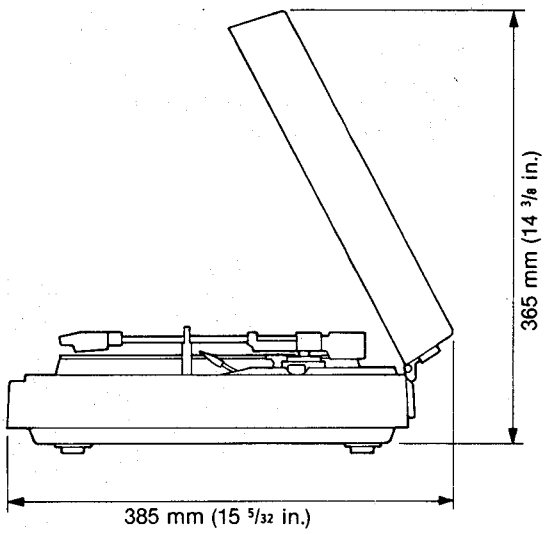
STEREO TURNTABLE SYSTEM

SONY®

AUD

General

Power requirements	US, Canadian model: 120 V ac, 60 Hz AEP model: 220 V ac, 50/60 Hz UK model: 240 V ac, 50/60 Hz
Power consumption	7 W
Dimensions	**PS-LX430/430C/431/433:** Approx. 430 x 100 x 360 mm (w/h/d) (17 x 4 x 14¼ inches) incl. projecting parts and controls **PS-LX431N:** Approx. 430 x 110 x 360 mm (w/h/d) (17 x 4 3/8 x 14 in.) including projecting parts and controls
Weight	**PS-LX430/430C/431/433:** Approx. 3.5 kg (7 lbs 12 oz), net Approx. 4.5 kg (9 lbs 10 oz), in shipping carton **PS-LX431N:** Approx. 2.9 kg (6 lb 7 oz) net

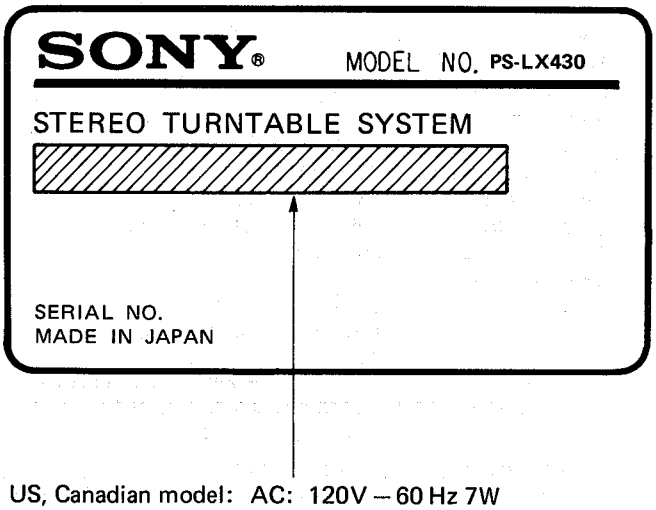


(**PS-LX431N:** Dust cover is not supplied)

MODEL IDENTIFICATION

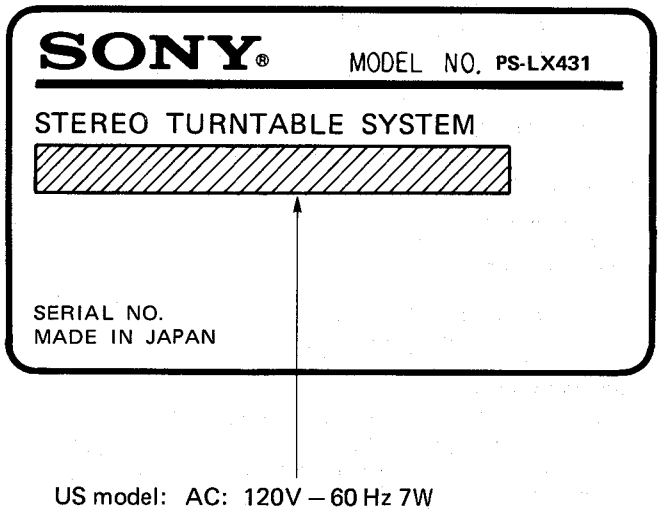
— Specification Label —

PS-LX430, PS-LX430C, PS-LX433



US, Canadian model: AC: 120V — 60 Hz 7W

PS-LX431, PS-LX431N



US model: AC: 120V — 60 Hz 7W
AEP, UK model: AC: 220V — 50/60 Hz 7W
E model: AC: 110 — 220V, 220 — 240V 50/60 Hz 7W,

SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

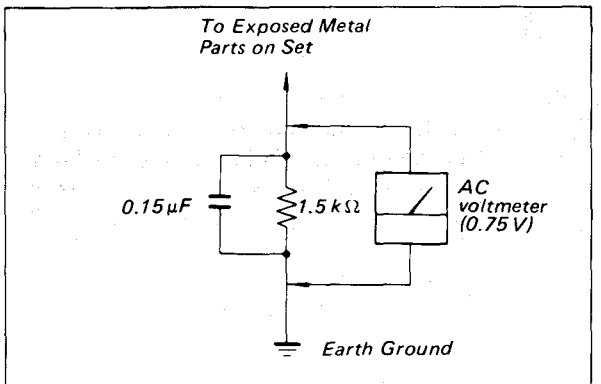
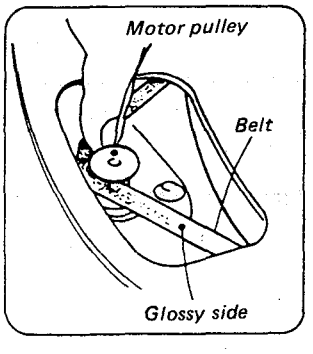


Fig. A. Using an AC voltmeter to check AC leakage.

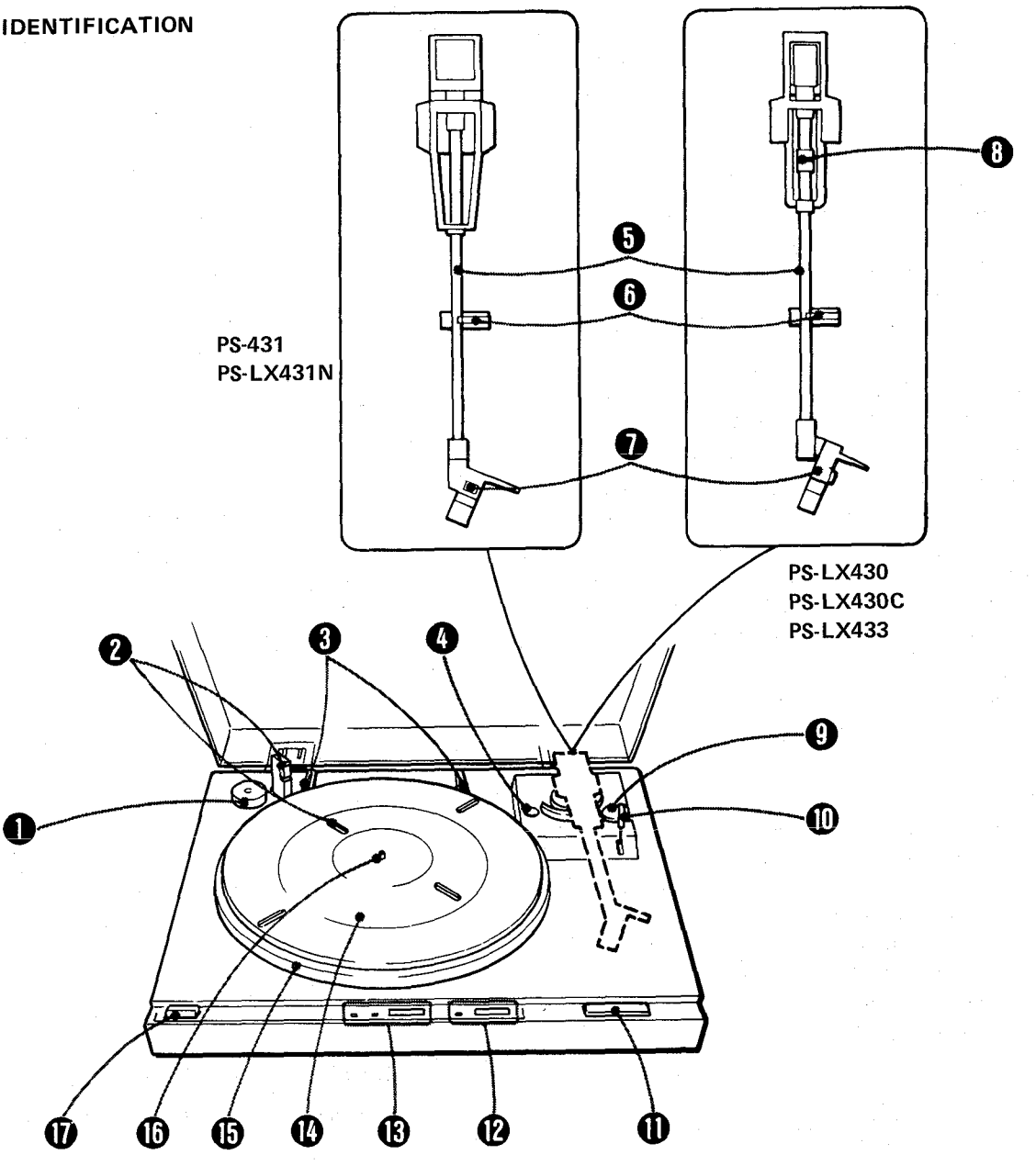
CAUTION ON INSTALLING BELT

When installing belt, glossy should be faced outside.



SECTION 1
OUTLINE

1-1. PARTS IDENTIFICATION



❶ 45-rpm adaptor

❷ Auto-record-size selection holes and lamp

❸ Disc centering guides

❹ Drop point adjustment hole

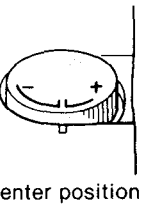
❺ Tonearm

❻ Arm rest

❼ Cartridge (not supplied with US, Canadian certain models of PS-LX430/LX433)

❽ Sub-weight

❾ ANTI-SKATING compensator
Normally, set it at the center position. If the stylus is driven inward when the tone arm is lowered to the lead-in groove, turn the ANTI-SKATING compensator to ⊕. If the stylus is driven outward, turn the ANTI-SKATING compensator to ⊖.



Center position

⑩ ▼/▼ (cueing) lever
Used to lift or lower the tonearm.

⑪ START/STOP button

⑫ REPEAT button and indicator

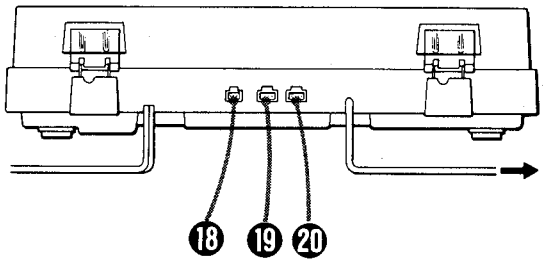
⑬ SPEED selector and indicators
Set the SPEED selector according to the speed of the record to be played. For 45-rpm records, depress the selector when a 45 rpm record is to be played. For a 33⅓ records, press it again.

⑭ Rubber mat

⑮ Turntable platter

⑯ Center spindle

⑰ POWER switch

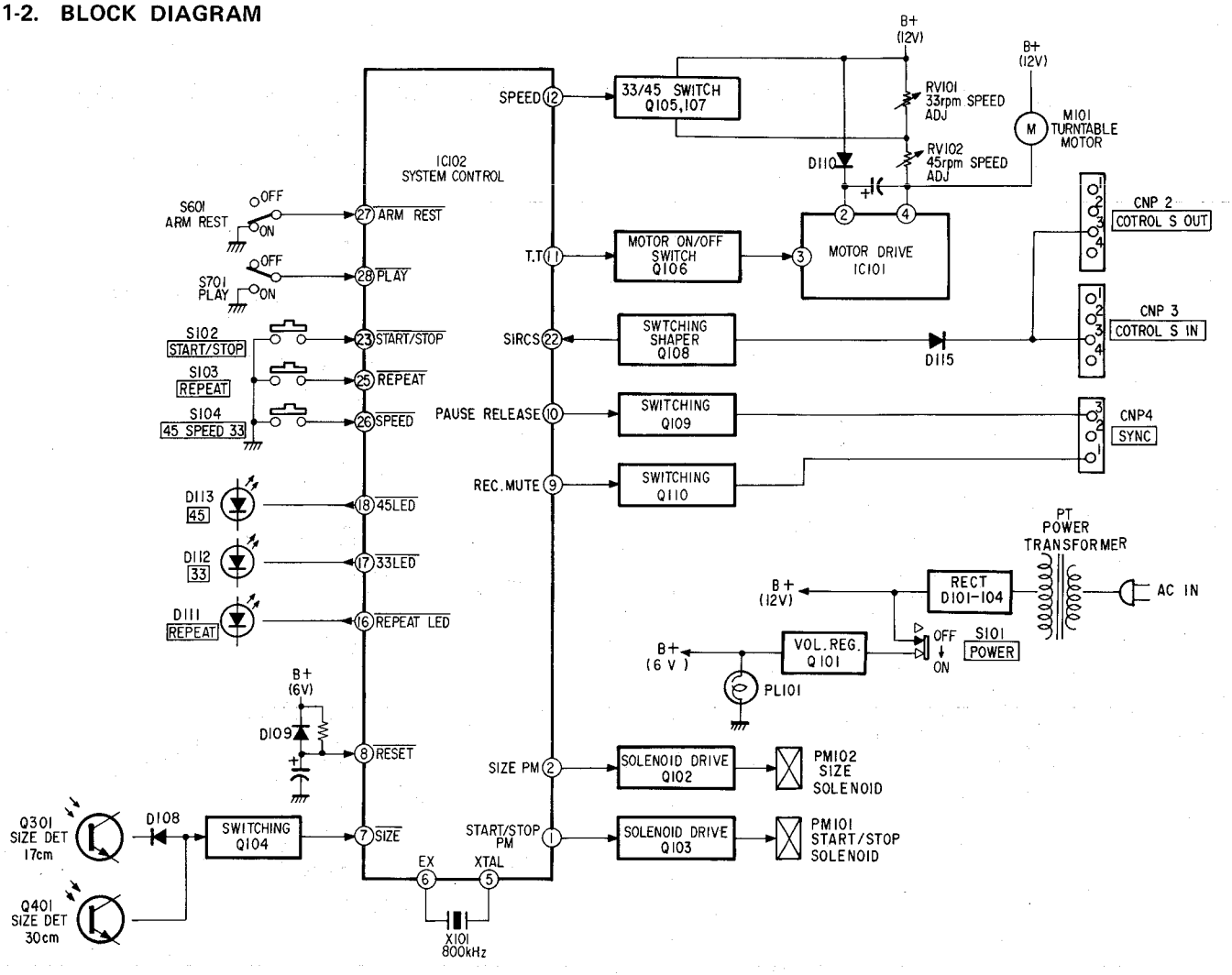


⑱ SYNC connector
Connect to the SYNC connector of the optional Sony tape deck equipped with a 3-pin flat connector.

⑲ CONTROL S IN connector
Connect to the CONTROL S OUT or R REMOTE OUT connector of an optional Sony system control tuner or receiver for whole audio system remote control.

⑳ CONTROL S OUT connector
Connect to the CONTROL S IN or R REMOTE OUT connector of Sony audio equipment equipped with a 4-pin remote control connector for remote control operation.

1-2. BLOCK DIAGRAM



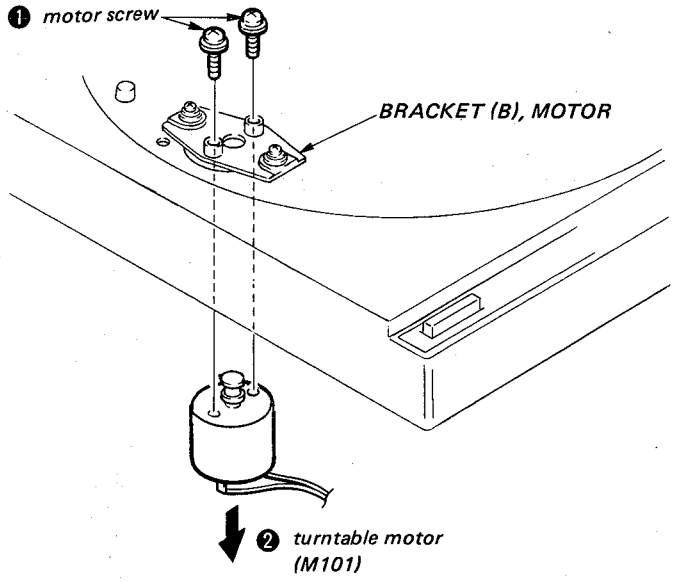
SECTION 2
DISASSEMBLY

2-1. REMOVAL

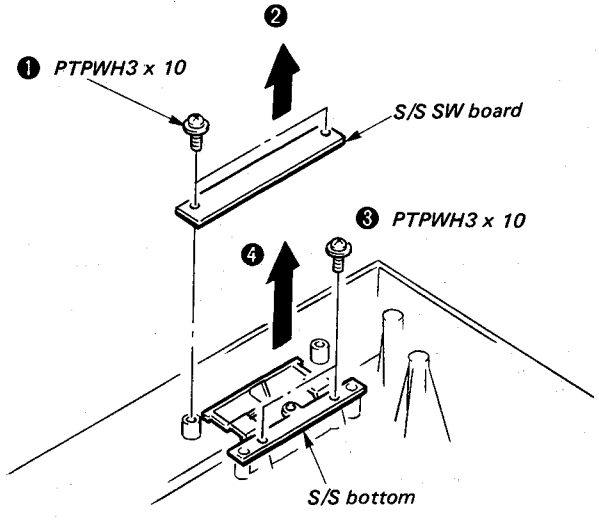
- Follow the disassembly procedure in the numerical order given.

Remove bottom plate.
(PTPWH 3 x 12 9 pcs)

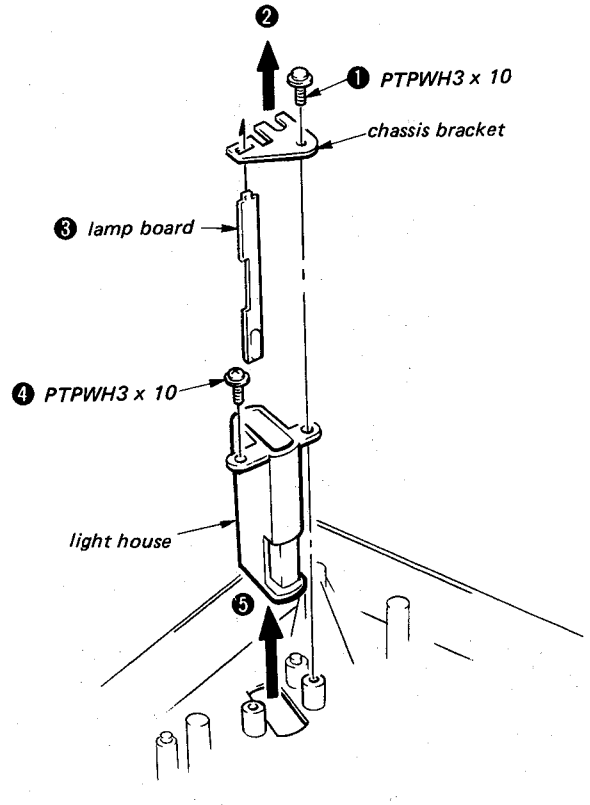
TURNTABLE MOTOR (M101)



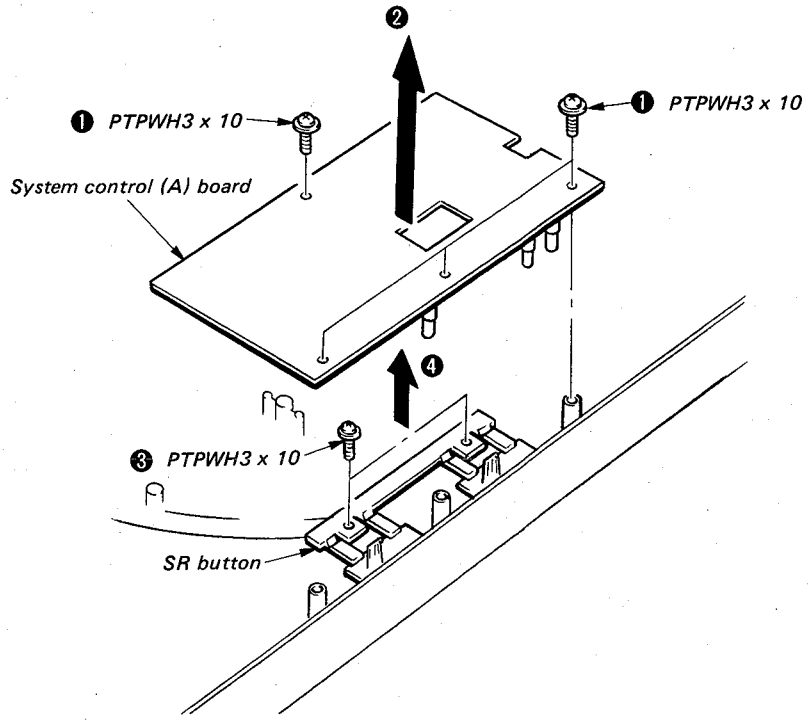
S/S SW BOARD



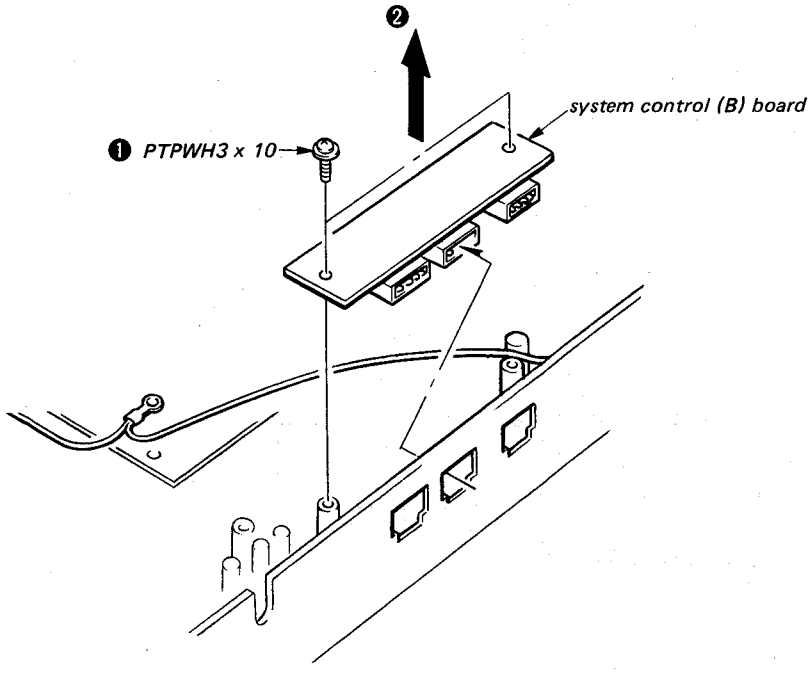
LAMP BOARD



SYSTEM CONTROL (A) BOARD

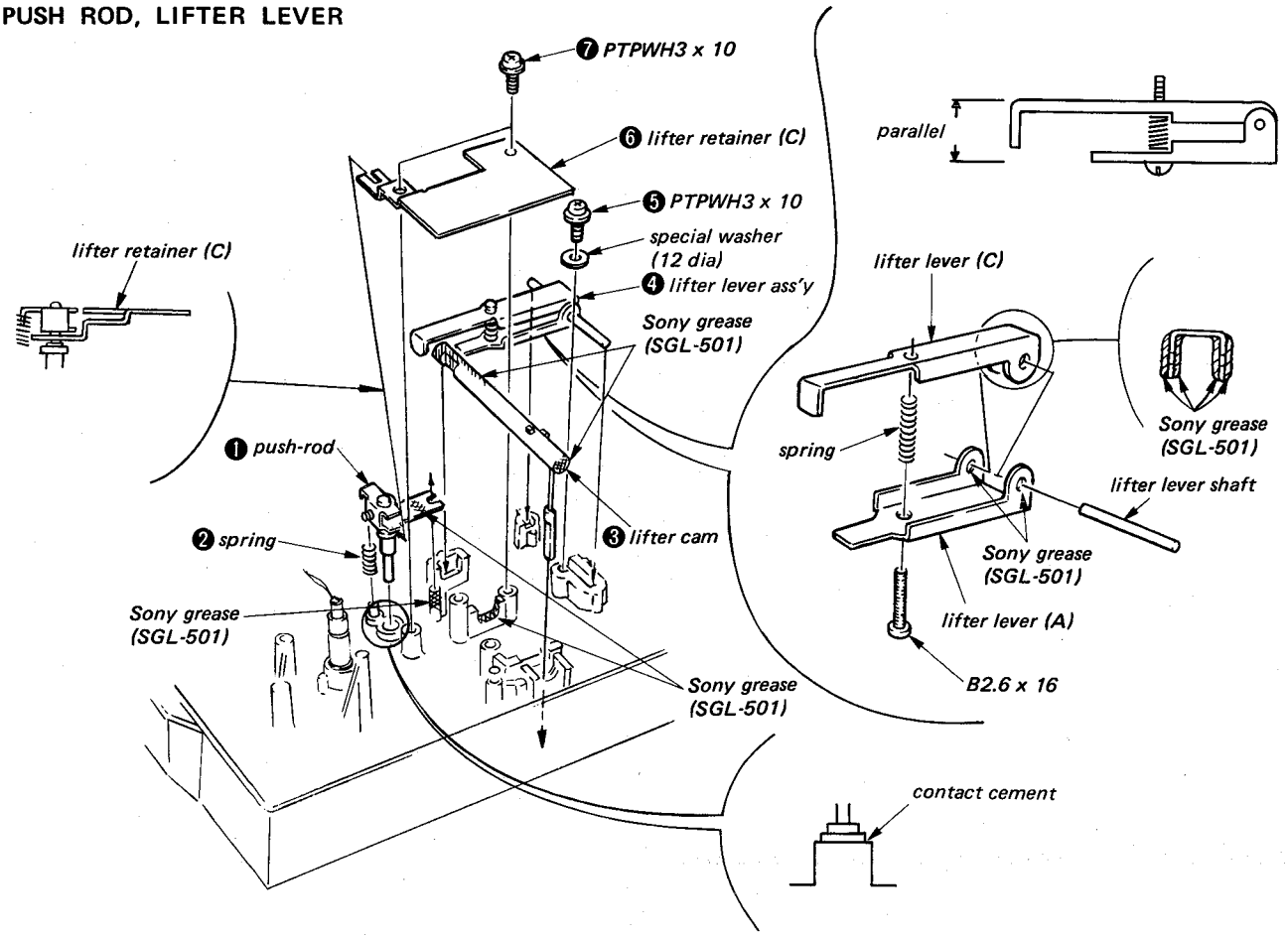


SYSTEM CONTROL (B) BOARD



2-2. INSTALLATION

PUSH ROD, LIFTER LEVER

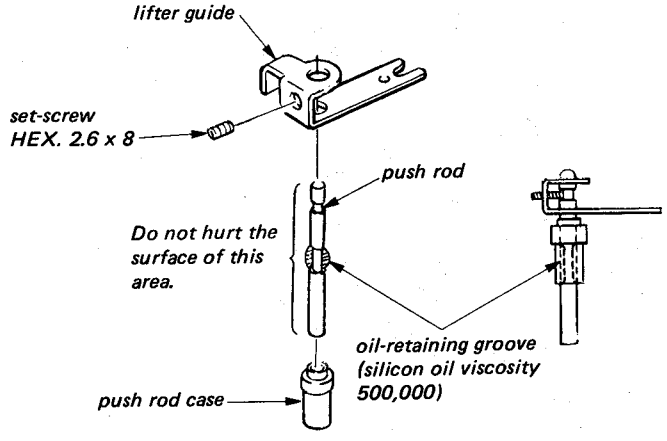


Caution for installation:

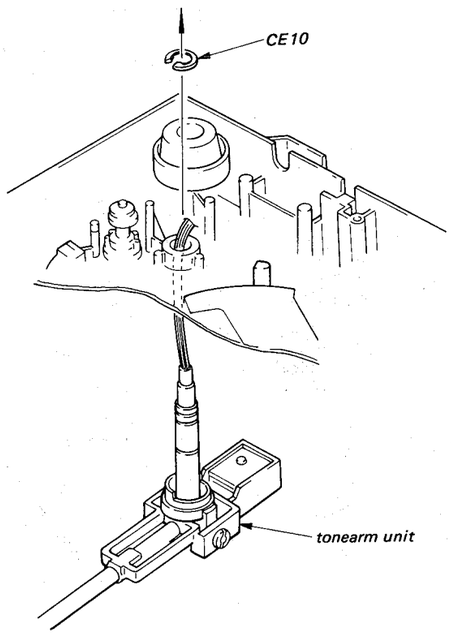
When the push rod is replaced, apply silicon oil (viscosity: 500,000 cs) to the push rod as illustrated below.

Caution:

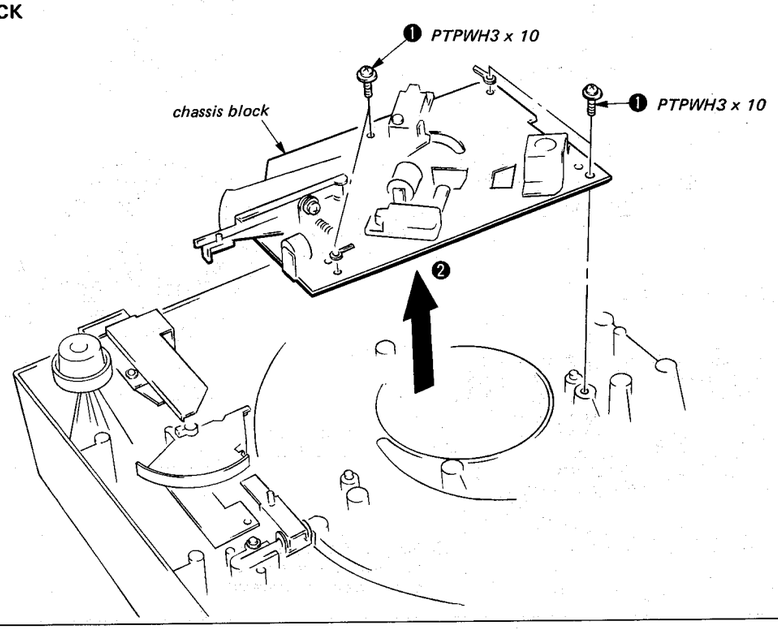
When lubricating, rotate and move the push rod up and down a few times.


lifter guide
set-screw HEX. 2.6 x 8
push rod
Do not hurt the surface of this area.
oil-retaining groove (silicon oil viscosity 500,000)
push rod case

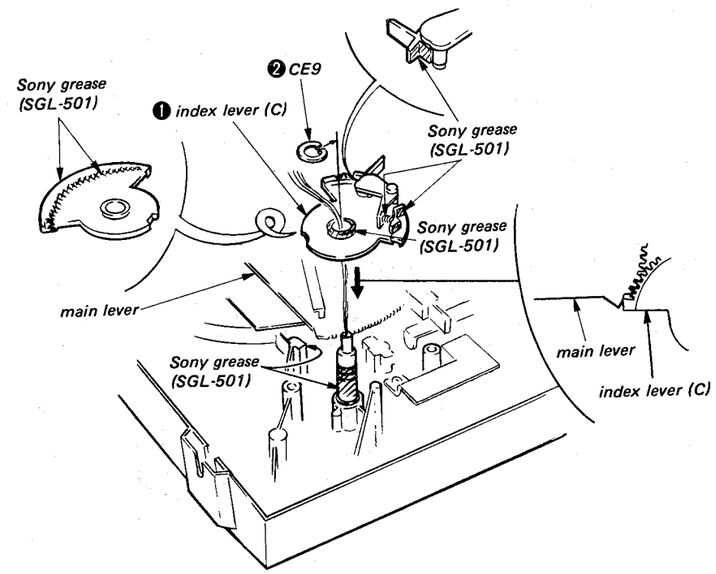
TONEARM UNIT



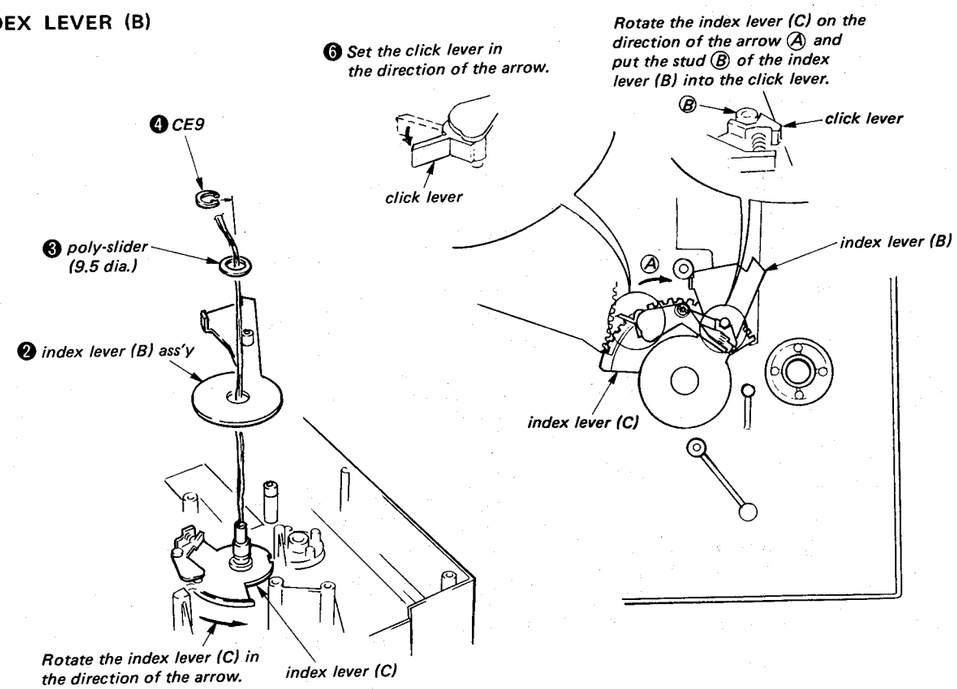
CHASSIS BLOCK



INDEX LEVER (C)

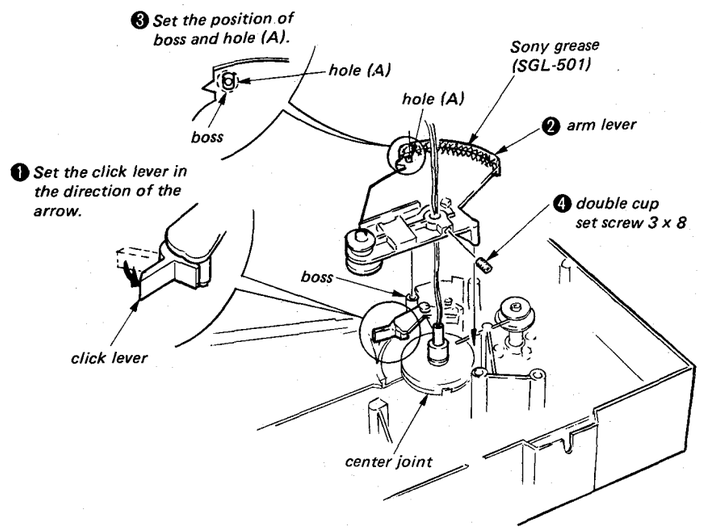


INDEX LEVER (B)

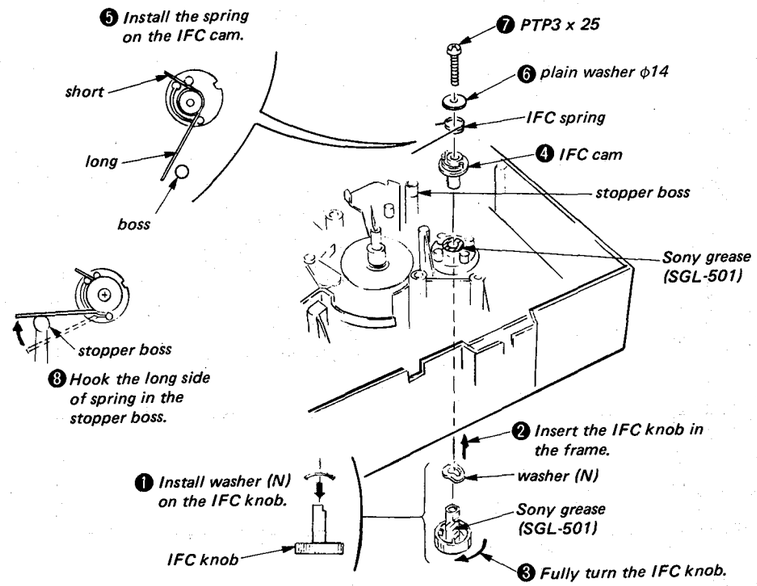

❻ Set the click lever in the direction of the arrow.
Rotate the index lever (C) on the direction of the arrow Ⓐ and put the stud Ⓑ of the index lever (B) into the click lever.
Ⓑ
click lever
❹ CE9
click lever
❸ poly-slider (9.5 dia.)
index lever (B)
Ⓐ
❷ index lever (B) ass'y
index lever (C)
Rotate the index lever (C) in the direction of the arrow.
index lever (C)

PS-LX430/430C/431/431N/433

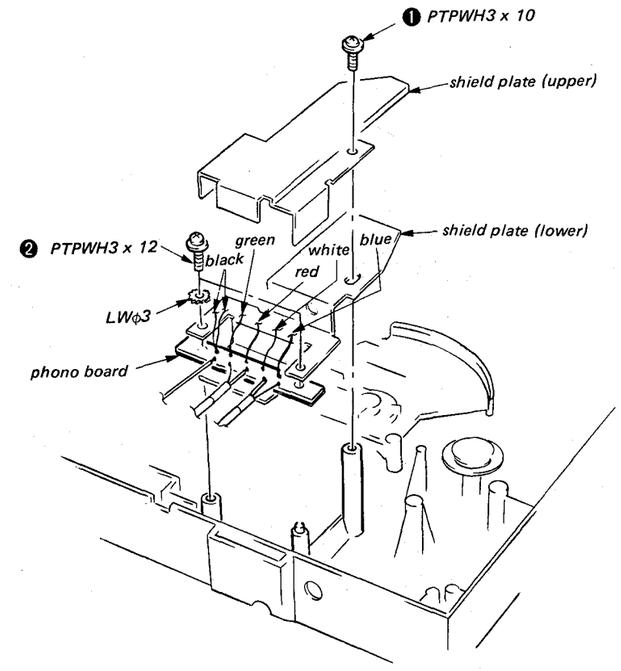
ARM LEVER


❸ Set the position of boss and hole (A).
hole (A)
boss
hole (A)
Sony grease (SGL-501)
❷ arm lever
❶ Set the click lever in the direction of the arrow.
❹ double cup set screw 3 x 8
boss
click lever
center joint

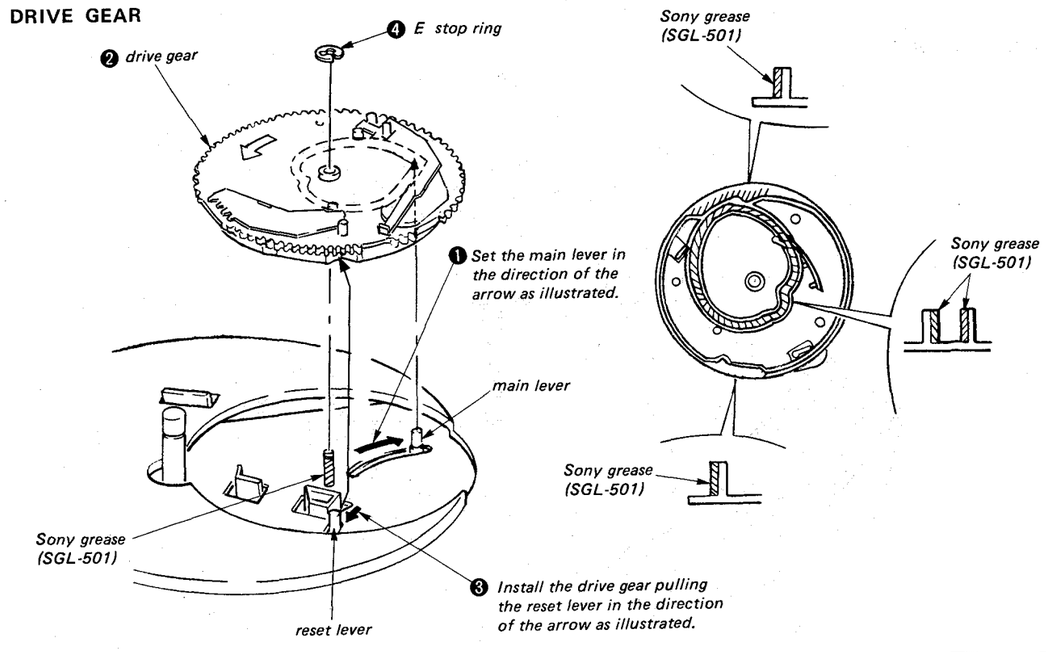
IFC (ANTI-SKATING) KNOB



PHONO BOARD



DRIVE GEAR


❹ E stop ring
❷ drive gear
Sony grease (SGL-501)
❶ Set the main lever in the direction of the arrow as illustrated.
main lever
Sony grease (SGL-501)
Sony grease (SGL-501)
Sony grease (SGL-501)
❸ Install the drive gear pulling the reset lever in the direction of the arrow as illustrated.
reset lever

TONEARM (PS-LX431)

1. LEAD WIRE INSTALLATION

1-1. Pass piano wire with lead wires through pipe as shown in Fig. A.

1-2. Pass piano wire with lead wires through center joint assy as shown in Fig. B.

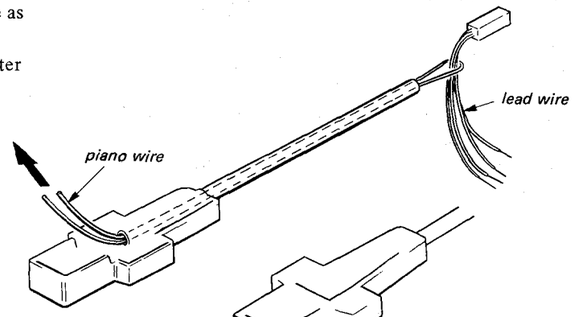


Fig. A

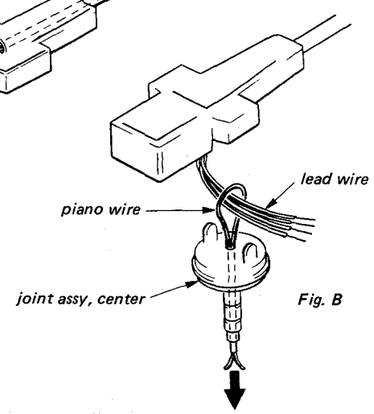
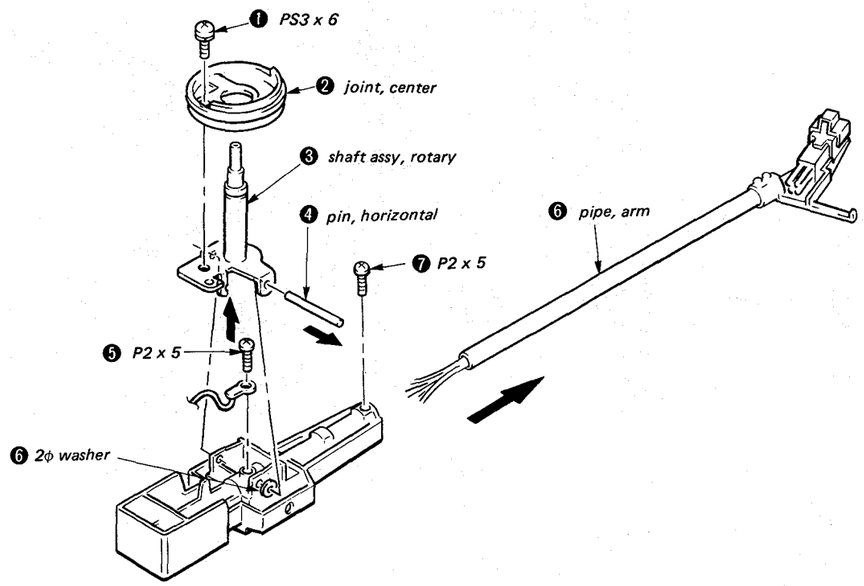


Fig. B

2. ARM PIPE REMOVAL



TONEARM (PS-LX430, 433)

1. LEAD WIRE INSTALLATION

1-1. Pass piano wire with lead wires through pipe as shown in Fig. A.

1-2. Pass piano wire with lead wires through center joint assy as shown in Fig. B.

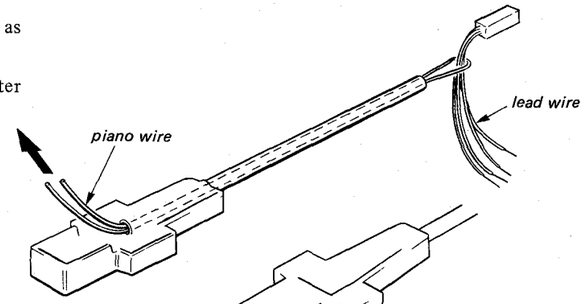


Fig. A.

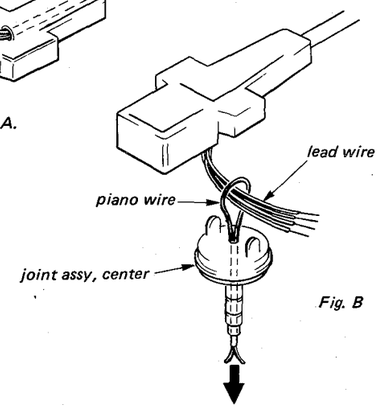
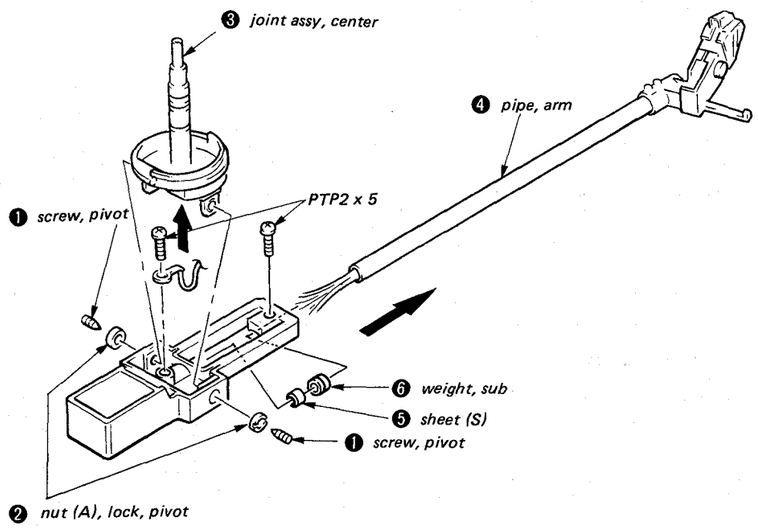


Fig. B

2. ARM PIPE REMOVAL



PS-LX430/430C/431/431N/433

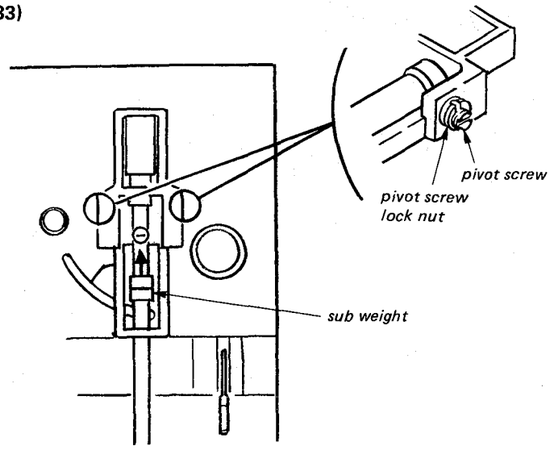
SECTION 3
ADJUSTMENTS

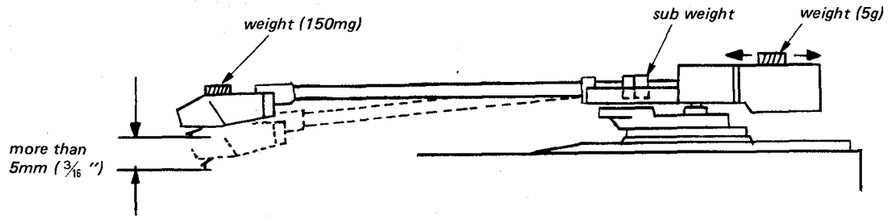
3-1. MECHANICAL ADJUSTMENTS

Longitudinal Sensitivity Adjustment (PS-LX430/430C/433)

1. Install the cartridge and slide the sub weight at ⊖ side.
2. Place a weight of about 5g on the pipe joint.
3. Adjust the weight position so that the arm is balanced.
4. Place a weight of about 150mg on the cartridge (right over the stylus).
5. Adjust the pivot screw so that the stylus tip goes down 5mm or more.

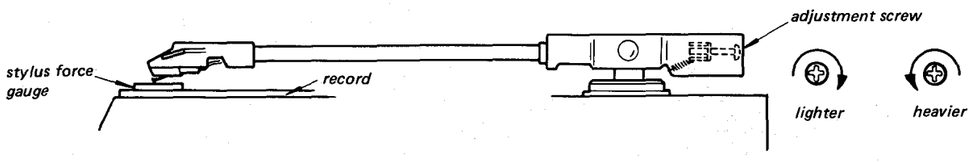
Note: If the pivot screw is secured excessively, the pivot bearing may be damaged.





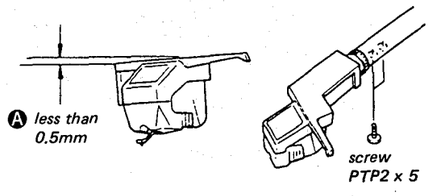
Stylus Force Adjustment (PS-LX431)

1. Turn the adjustment screw to obtain zero balance.
2. Turn the adjustment screw again so that the stylus force becomes 2g on the stylus force gauge.



Shell's Horizontal Balance Adjustment

Loosen the neck cylinder screw and adjust so that section Ⓐ (shell slant) is less than 0.5mm.



Brake Lever Position Adjustment

1. Rotate the drive gear in the direction of the arrow by hand, and set the reset lever for reset position (show the Fig. 1).
   Then, confirm that the size lever is contact with chassis lightly (shown in the Fig. 2, Ⓐ).
2. Adjust the adjustment screw so that a gap becomes in 0.3 ±0.2mm (shown in the Fig. 3).
3. After the adjustment, lock the adjustment screw with locking compound.

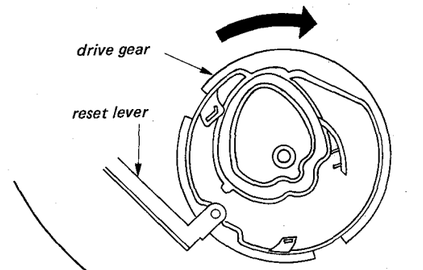


Fig. 1

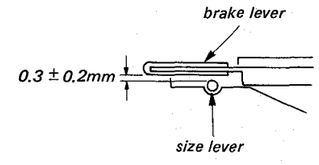


Fig. 3

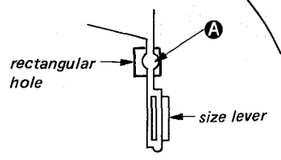
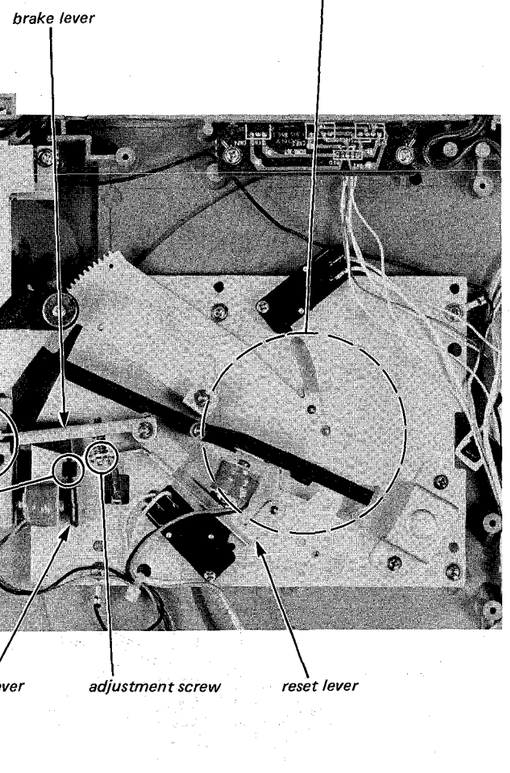


Fig. 2



Stylus Height Adjustment

Note: Perform both adjustment for manual and automatic operations.

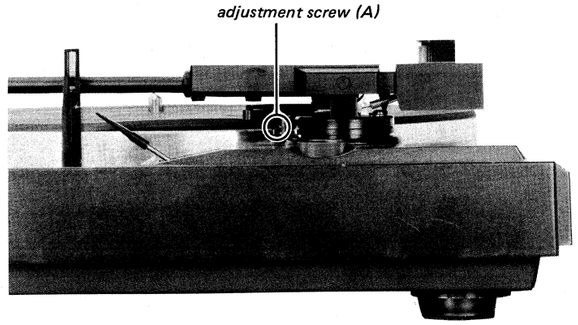
1. Automatic

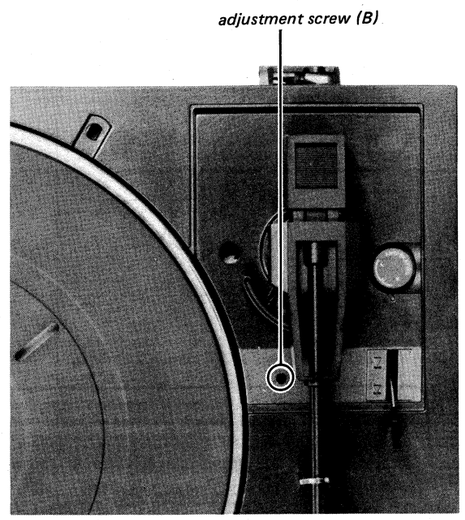
1) Put a test record on the mat.
2) Depress the lifter lever to make a lifterdown mode.
3) Move the tonearm to out of groove at record by hand.
4) Rotate the turntable by hand and at make tonearm lead-in.
5) Move the tonearm to out of groove of record by hand again.
6) Rotate the turntable by hand and make the tonearm.
7) Then, loosen the adjustment screw (A) and adjust the height of the tonearm lifter so that the stylus height becomes in 4 – 8mm.
8) Rotate the turntable by hand slowly and move the tonearm to the most outer groove of record.
9) Confirm that stylus height becomes in 4–8mm.

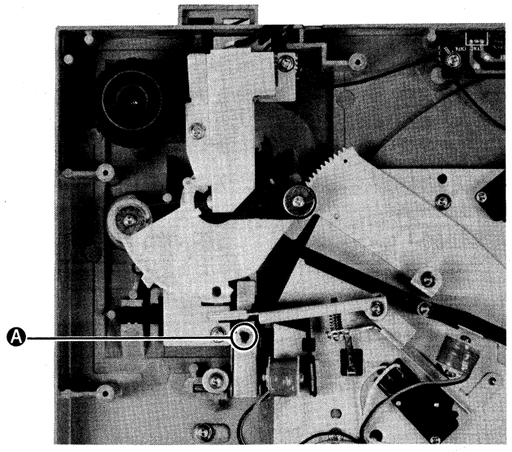
2. Manual

1) Put a test record on the mat.
2) Move the tonearm to out of groove of record by hand.
3) Rotate the turntable by hand and make the tonearm lead-in.
4) Raise the lifter lever to make a lifter-up mode.
5) Move the tonearm until most outer groove of record by hand.
6) Adjust the adjustment screw (B) so that the stylus height becomes in 4–8mm.
7) Move the tonearm to the out of groove of record by hand.
   Confirm that stylus height becomes in 4–8mm.
8) Rotate the turntable by hand and return the tonearm to arm rest.
9) After the adjustment, lock the portion Ⓐ with suitable locking compound.

Note: • Stylus height difference should be within 2mm, between automatic and manual operation.
When the arm returns.
• The tonearm should be not contact with the top part of the rest when the tonearm returns.





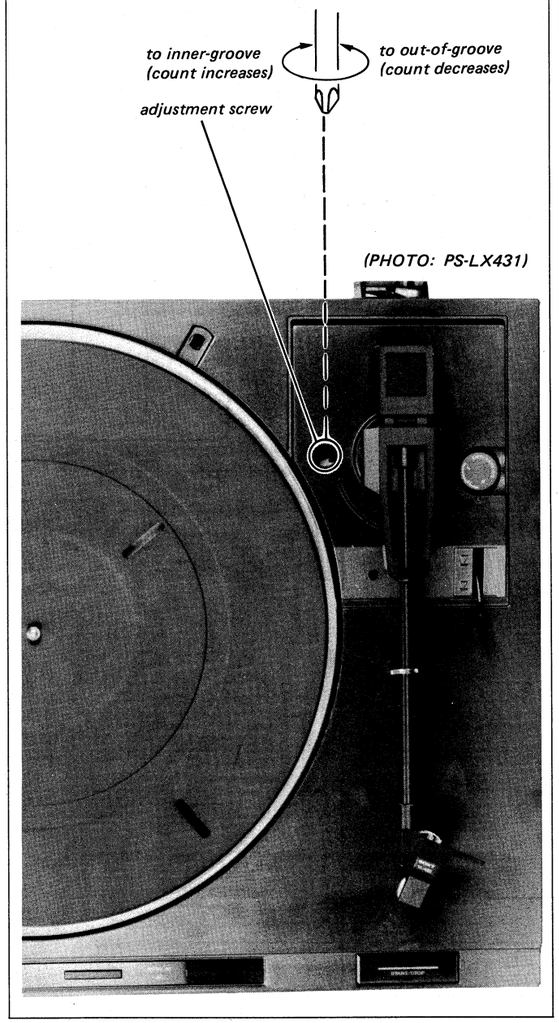


Stylus Drop-point Adjustment

Note: Stylus force adjustment should be completed.

1. Put a test record YFSC-16 on the mat.
2. Set the SPEED switch to 33.
3. Press the START/STOP button.
4. By using a screwdriver, turn the adjustment screw so that the stylus tip drops on the record at the 4–16 counts position.

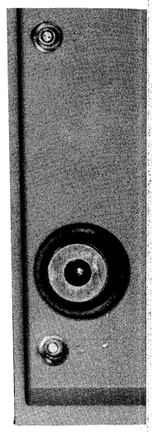
Note: The proper adjustment for a 30cm record is also correct for a 17cm record.



Speed Adjustment

Note: Be sure to per

1. Put a strobosco
2. Set the SPEED
   Press the STAR
   Adjust RV102
   stroboscope bo
3. Set the SPEED
   Adjust RV101



3-2. ELECTRICAL ADJUSTMENT

Drop-point Adjustment

ylus force adjustment should be completed.

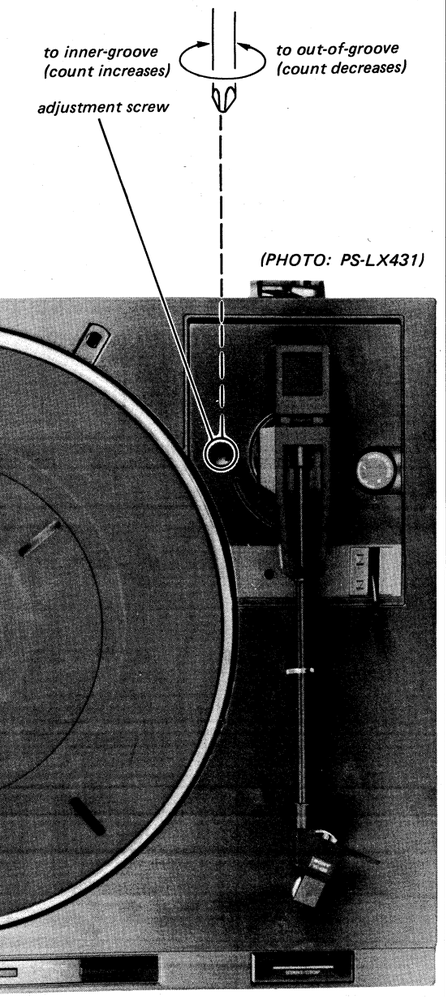
test record YFSC-16 on the mat.

ne SPEED switch to 33.

the START/STOP button.

sing a screwdriver, turn the adjustment screw
at the stylus tip drops on the record at the
counts position.

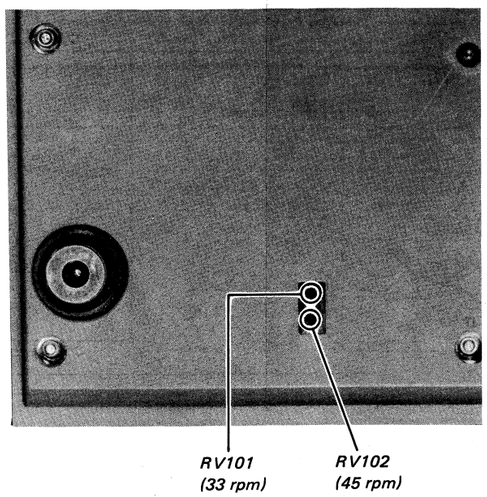
e proper adjustment for a 30cm record is also
rrect for a 17cm record.



Speed Adjustment

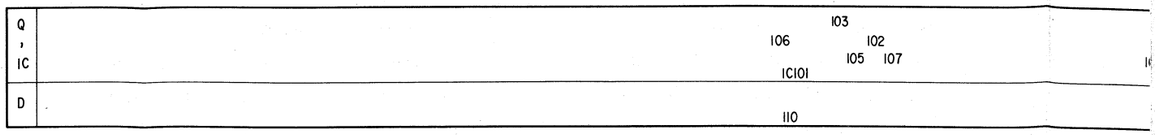
Note: Be sure to perform 45rpm adjustment before 33rpm.

1. Put a stroboscope board on the mat.
2. Set the SPEED switch to 45.
   Press the START/STOP button.
   Adjust RV102 so that the stripped pattern of stroboscope board is stationary.
3. Set the SPEED switch to 33.
   Adjust RV101 in the same way.



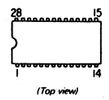
4-1. MOUNTING DIAGRAM

– Conductor Side –

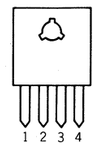


• Semiconductor Lead Layouts

LM6416E-557

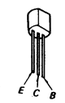


μPC1470H

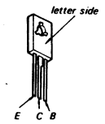


2SB808
DTC114ES

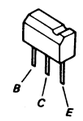
2SA733
2SD1388



2SD809

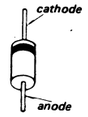


DTC114EF

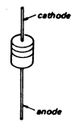


PD401

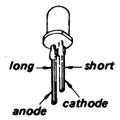
10E-2
RD6.8E-N1

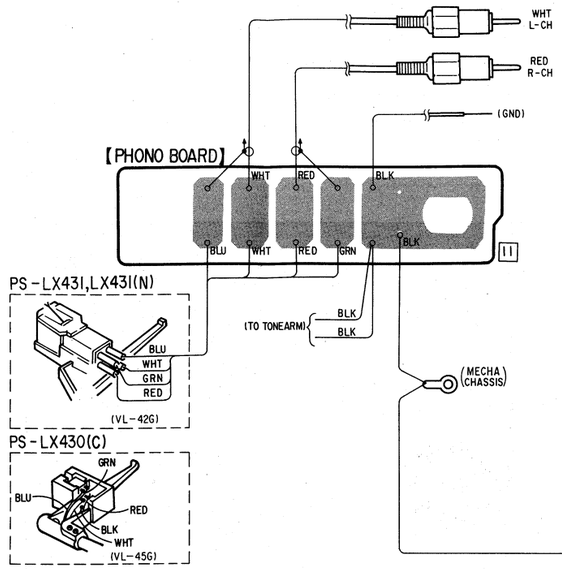


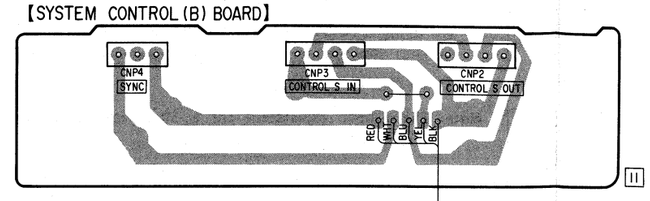
1SS202-1

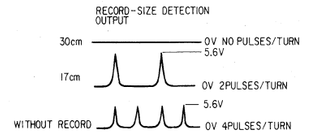


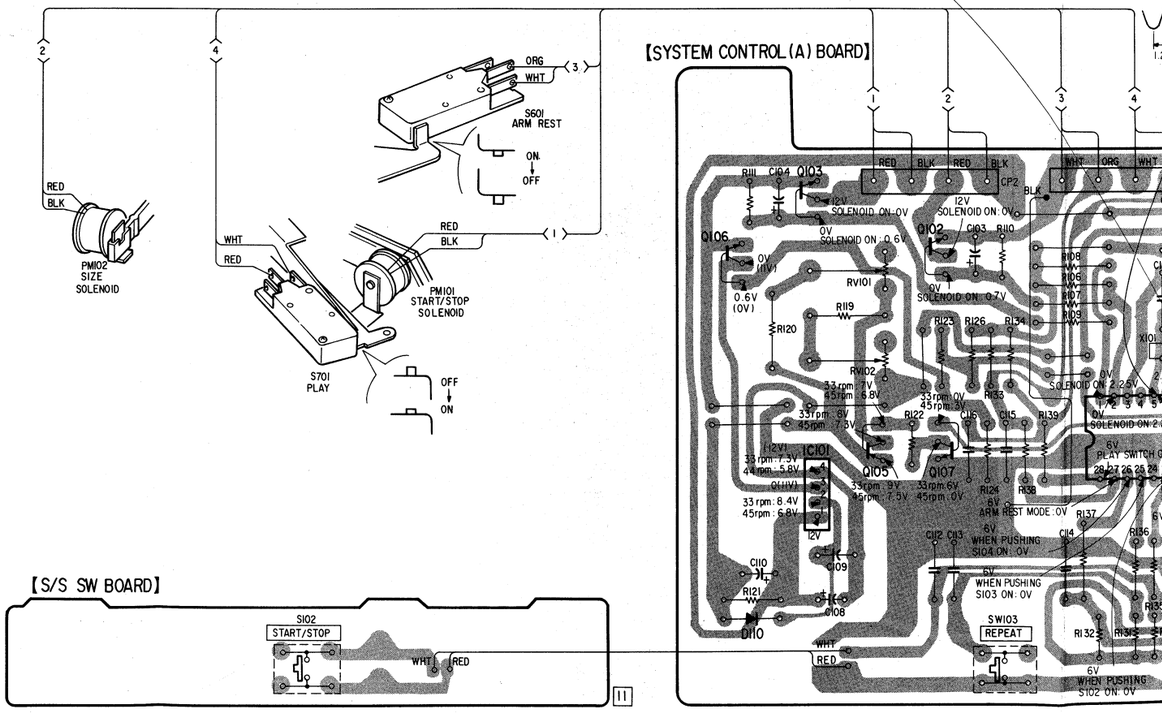
GL-5HD21





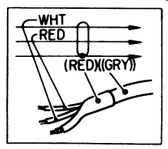






Note:

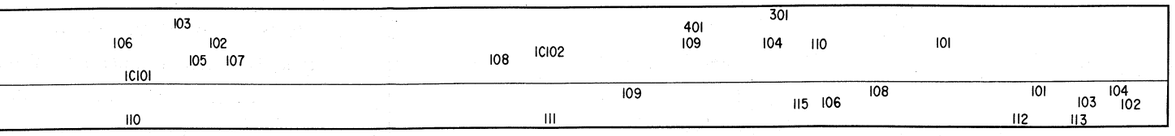
- Color code of sleeving over the end of the jacket.

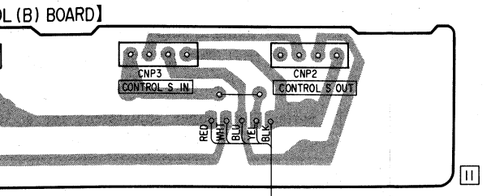


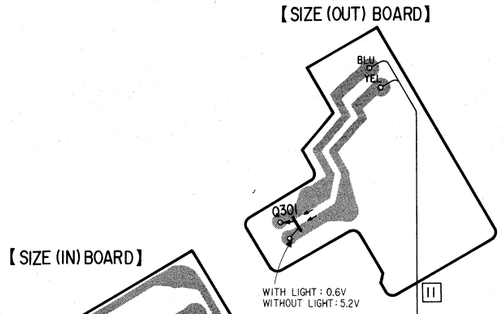
- ○— : parts extracted from the component side.

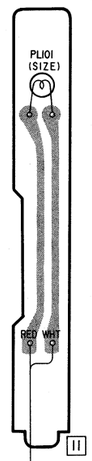
10 11 12 13 14 15 16 17 18 19

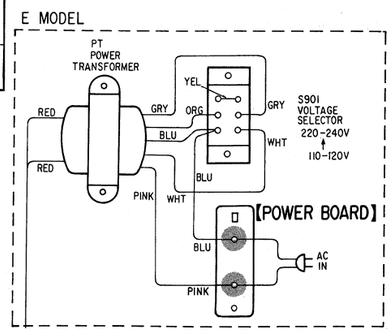
A B C D E F G H I J

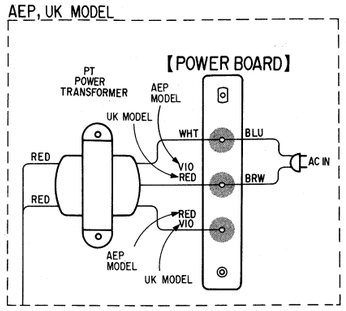


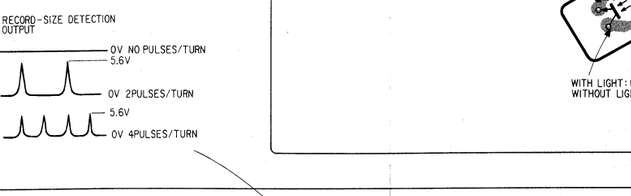


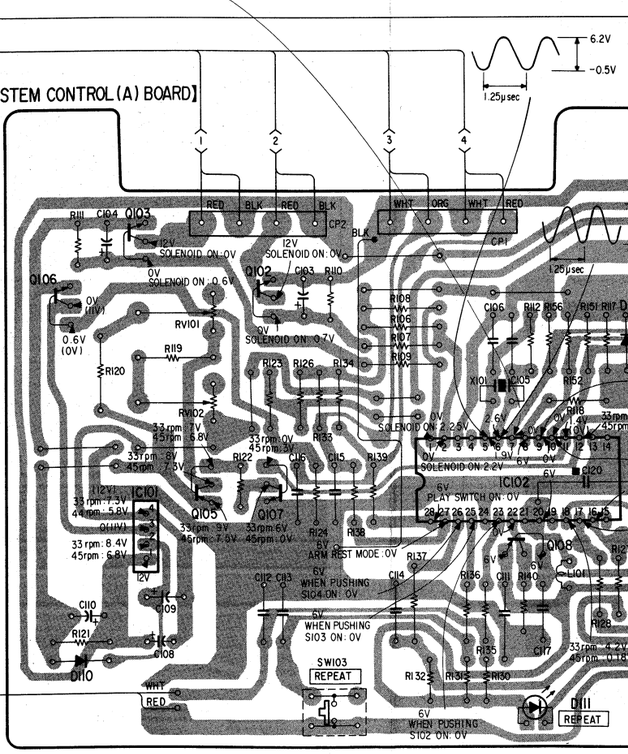


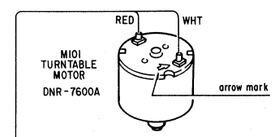


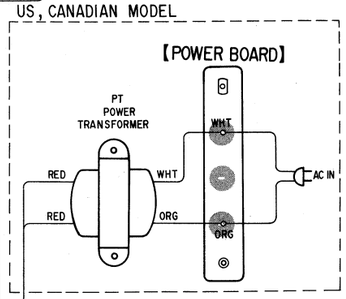


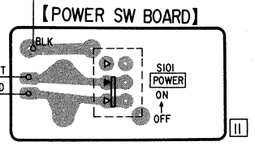




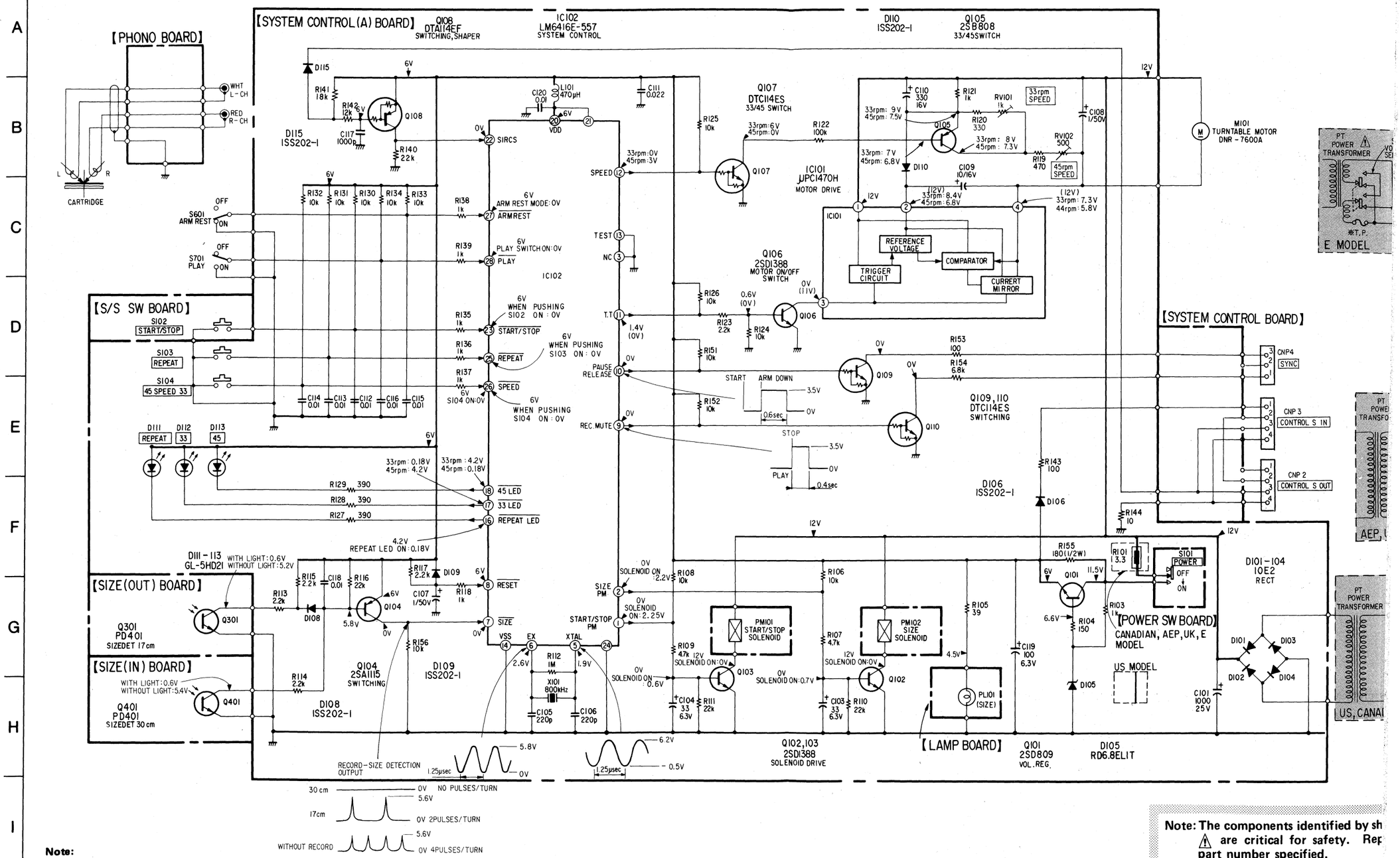








4-2. SCHEMATIC DIAGRAM



Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- ▬▬ : B+ bus.
- ▭ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50kΩ/V).
  no mark: STOP
  ( ) : PLAY
- Voltage variations may be noted due to normal production tolerances.

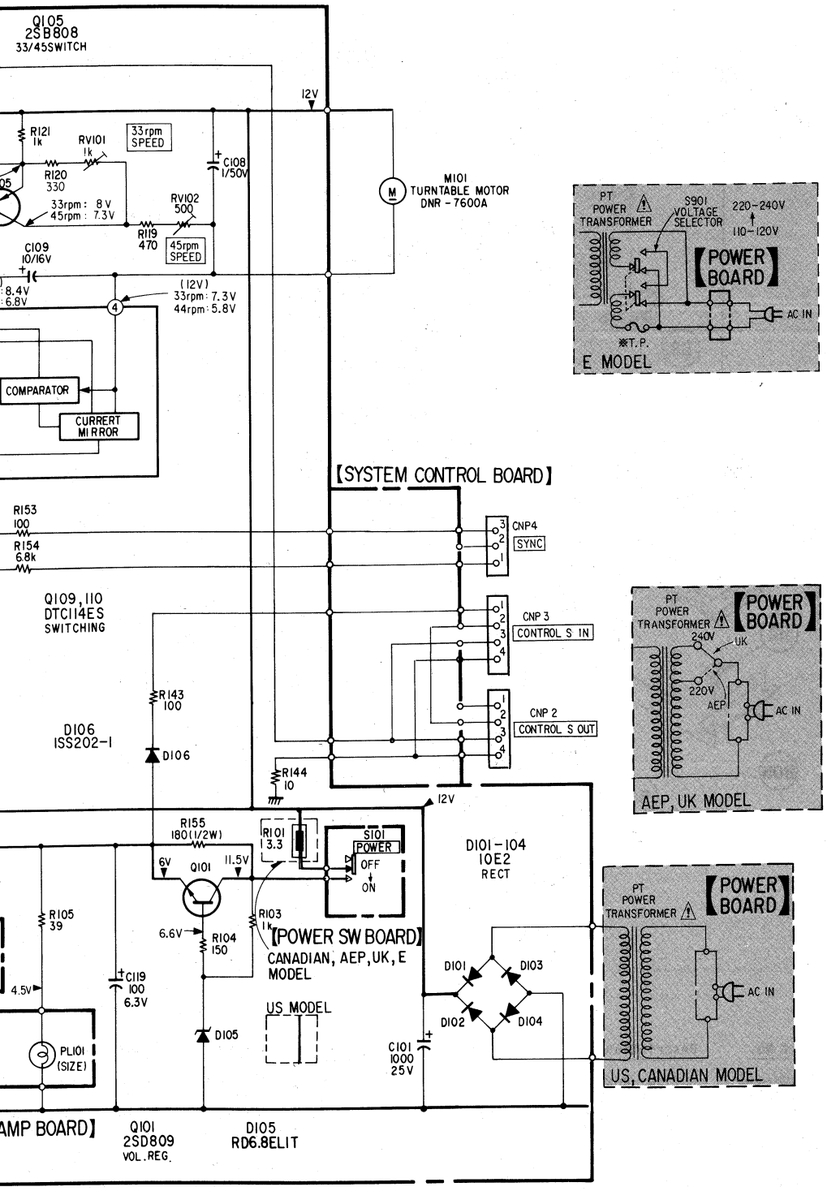
- Switch

Ref. No.	Switch	Position
S101	POWER	OFF
S102	START/STOP	OFF
S103	REPEAT	OFF
S104	SPEED	OFF
S601	ARM REST	ON
S701	PLAY	OFF

Note: The components identified by sh ⚠ are critical for safety. Rep part number specified.

Note: Les composants identifiés par u marque ⚠ sont critiques pour la remplacer que par une pièce po spécifié.

10 | 11 | 12 | 13 | 14 | 15



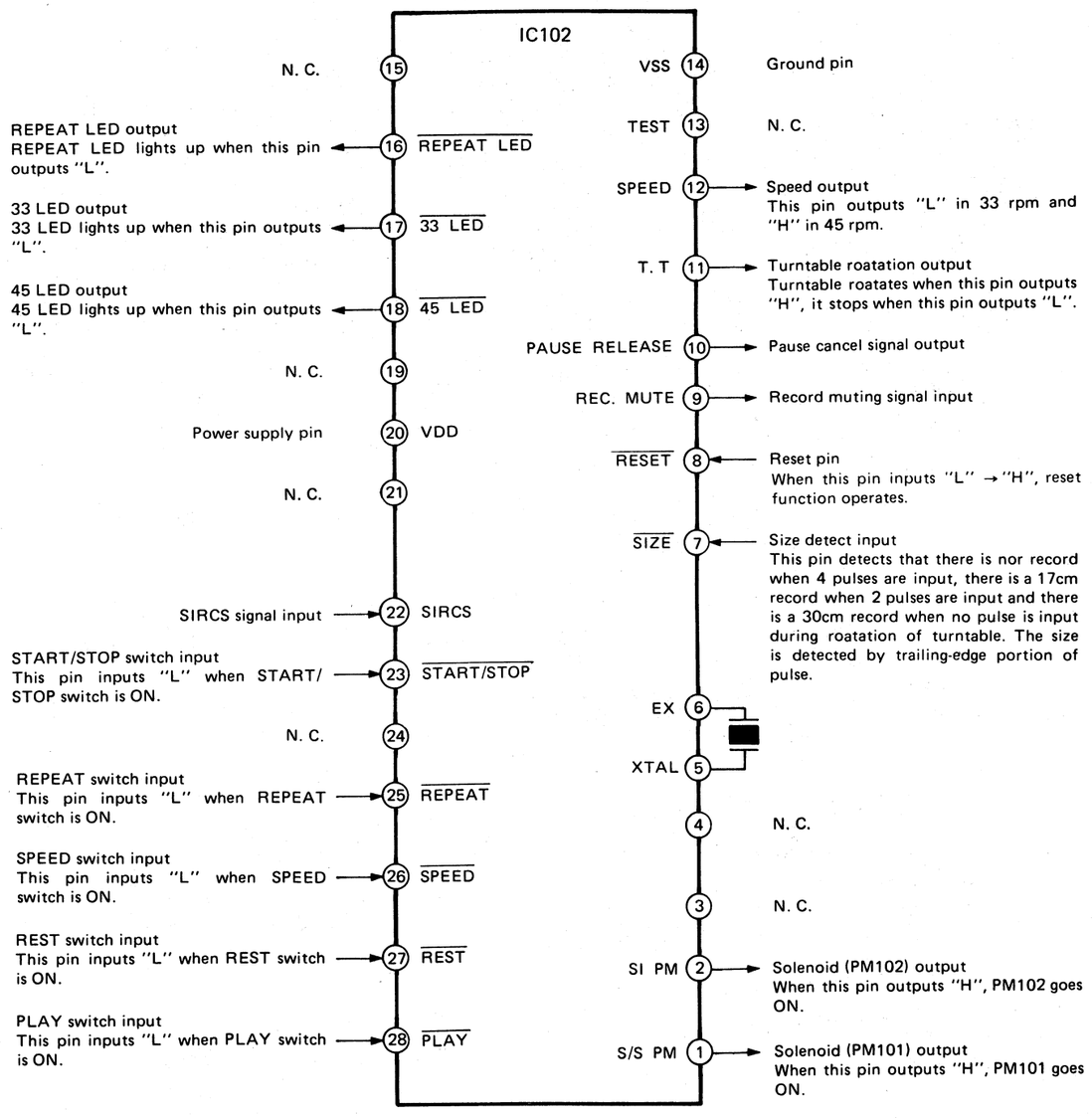
Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Switch	Position
WER	OFF
ART/STOP	OFF
PEAT	OFF
EED	OFF
M REST	ON
AY	OFF

Note: Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

[IC102 (LM6416E-557) PIN FUNCTIONS]

IC102 (LM6416E-557) is an N-MOS 4 bit microcomputer for control integrating ROM, RAM, ALU, I/O port, timer, clock generator and etc., into 1-chip.


IC102
N. C. 15
REPEAT LED output
REPEAT LED lights up when this pin outputs "L". 16 REPEAT LED
33 LED output
33 LED lights up when this pin outputs "L". 17 33 LED
45 LED output
45 LED lights up when this pin outputs "L". 18 45 LED
N. C. 19
Power supply pin 20 VDD
N. C. 21
SIRCS signal input 22 SIRCS
START/STOP switch input
This pin inputs "L" when START/STOP switch is ON. 23 START/STOP
N. C. 24
REPEAT switch input
This pin inputs "L" when REPEAT switch is ON. 25 REPEAT
SPEED switch input
This pin inputs "L" when SPEED switch is ON. 26 SPEED
REST switch input
This pin inputs "L" when REST switch is ON. 27 REST
PLAY switch input
This pin inputs "L" when PLAY switch is ON. 28 PLAY
VSS 14 Ground pin
TEST 13 N. C.
SPEED 12 Speed output
This pin outputs "L" in 33 rpm and "H" in 45 rpm.
T. T 11 Turntable roatation output
Turntable roatates when this pin outputs "H", it stops when this pin outputs "L".
PAUSE RELEASE 10 Pause cancel signal output
REC. MUTE 9 Record muting signal input
RESET 8 Reset pin
When this pin inputs "L" → "H", reset function operates.
SIZE 7 Size detect input
This pin detects that there is nor record when 4 pulses are input, there is a 17cm record when 2 pulses are input and there is a 30cm record when no pulse is input during roatation of turntable. The size is detected by trailing-edge portion of pulse.
EX 6
XTAL 5
4 N. C.
3 N. C.
SI PM 2 Solenoid (PM102) output
When this pin outputs "H", PM102 goes ON.
S/S PM 1 Solenoid (PM101) output
When this pin outputs "H", PM101 goes ON.

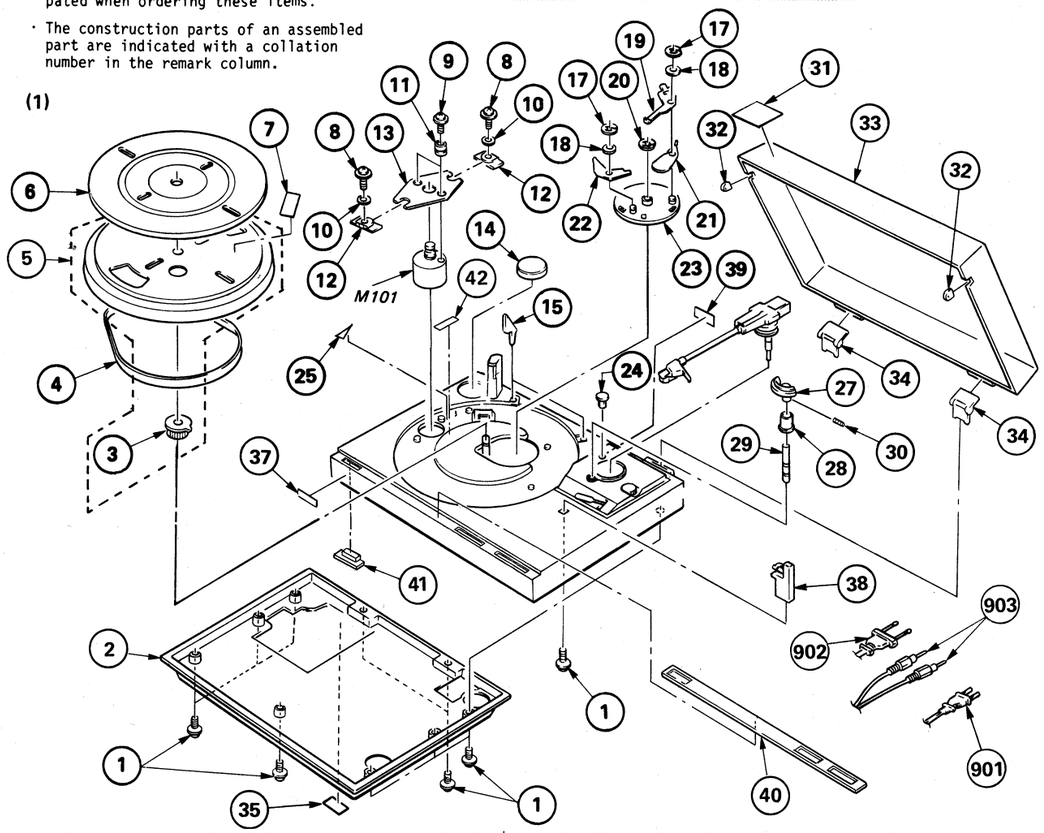
SECTION 5 EXPLODED VIEWS AND PARTS LIST

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

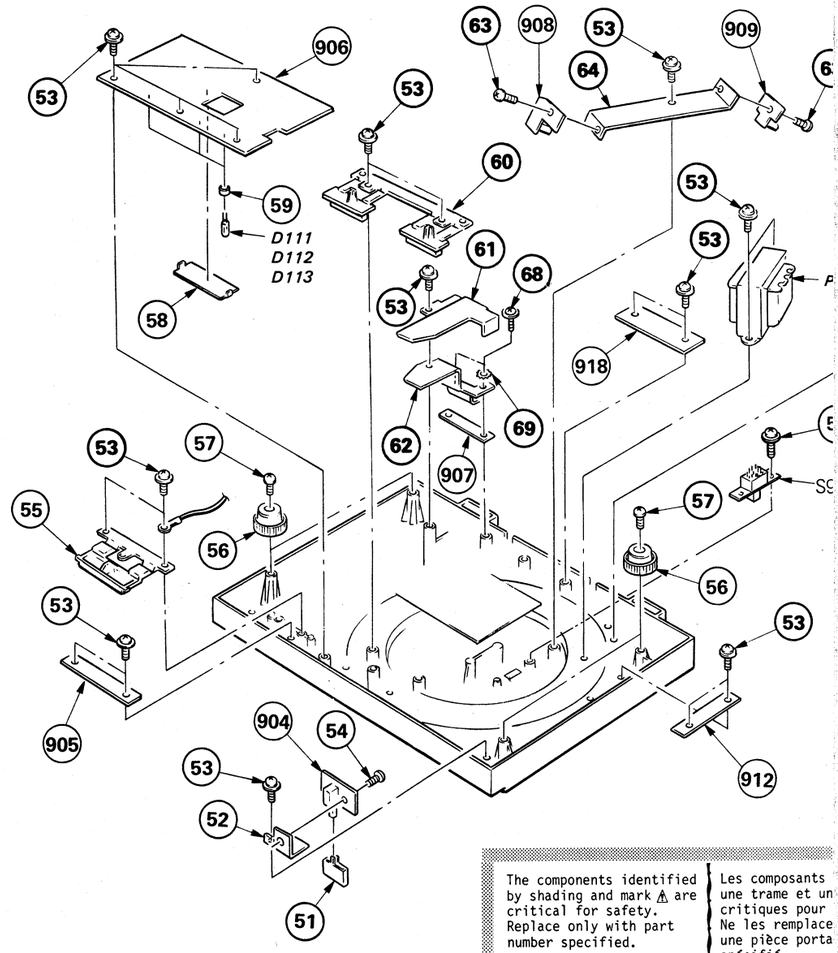
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1)



No.	Part No.	Description	Remarks
1	3-703-136-00	SCREW, TAPPING +PTPWH 3X12	
2	4-889-532-01	(PS-LX431:AEP,UK,E)...PLATE, BOTTOM	
	4-889-532-11	(PS-LX430,LX430(C),LX431(N), LX433:US,Canadian)...PLATE, BOTTOM	
3	4-868-052-00	GEAR, CENTER	
4	4-880-655-01	BELT	
5	X-4881-615-1	TURNTABLE ASSY	
6	4-903-470-01	(PS-LX430(C),LX431:Canadian,AEP,UK,E) ...SHEET, TURNTABLE	
	4-903-470-11	(PS-LX430,LX430(C),LX431(N),LX433:US) ...SHEET, TURNTABLE	
7	*4-909-004-01	LABEL, CAUTION, GEAR	
8	3-703-137-00	SCREW, TAPPING +PTPWH 3X10	
9	4-909-062-01	SCREW, MOTOR	
10	*4-301-647-00	WASHER, SPECIAL, 12	
11	4-909-061-01	CUSHION, MOTOR	
12	4-908-120-01	RUBBER, FLOATING	
13	*4-908-151-01	BRACKET (C), MOTOR	
14	3-701-806-00	(PS-LX430,LX430(C),LX431,LX433) ...ADAPTOR, 45, (E)	
15	4-874-262-00	(PS-LX430,LX430(C),LX431,LX433) ...GUIDE, RECORD	
17	7-624-190-81	STOP RING 2, TYPE-CS	
18	7-623-105-15	W 2, MIDDLE	
19	4-874-254-00	CLUTCH (S)	
20	7-624-106-04	STOP RING 3.0, TYPE -E	
21	4-874-232-00	CLUTCH (R)	
22	4-874-279-00	CLUTCH (L)	
23	4-880-524-00	GEAR (S), DRIVE	
24	4-874-260-11	CAP, BLIND	
25	3-703-680-00	(US)....LABEL, CAUTION, SUB, NEW UL	
27	X-4903-302-1	PLATE ASSY, UP AND DOWN	
28	*4-874-218-00	CASE, PUSH ROD	
29	4-881-688-00	ROD, PUSH	
30	7-621-738-08	SET-SCT, HEX. 2.6X4, FLAT POINT	
31	3-703-705-41	STICKER, SONY SYMBOL (30)	
32	4-876-304-00	(PS-LX430,430(C),LX431,LX433) ...CUSHION, DUST COVER	
33	X-4903-415-1	(PS-LX430,LX430(C),LX431:SMOKED) ...COVER ASSY, DUST	
	X-4903-417-1	(PS-LX433:TRANSPARENCY)..COVER ASSY, DUST	
34	4-857-653-00	(PS-LX430,430(C),LX431,LX433) ...HINGE, DUST COVER	
35	4-876-344-00	(AEP,UK)...LABEL, CAUTION POWER CORD	
37	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
38	X-4874-212-X	REST ASSY, ARM	
39	4-903-456-01	(PS-LX431:UK).....LABEL, MODEL NUMBER	
	4-903-457-01	(PS-LX431:AEP).....LABEL, MODEL NUMBER	
	*4-903-459-01	(PS-LX430,LX430(C):US,Canadian) ...LABEL, MODEL NUMBER	
	4-903-460-01	(PS-LX433:US).....LABEL, MODEL NUMBER	
	4-903-472-01	(PS-LX431(N):US)...LABEL, MODEL NUMBER	
	4-903-458-01	(PS-LX431:E).....LABEL, MODEL NUMBER	
40	4-903-440-41	(PS-LX431(N))..PANEL, CONTROL	
	4-903-440-51	(PS-LX431).....PANEL, CONTROL	
	4-903-440-61	(PS-LX430,LX430(C))...PANEL, CONTROL	
	4-903-440-71	(PS-LX433).....PANEL, CONTROL	
41	4-875-501-00	GUIDE, POWER KNOB	
42	*4-881-683-01	(E)..LABEL, VOLTAGE	
901	⚠ 1-551-506-XX	(US,Canadian)...CORD, POWER	
	⚠ 1-556-562-00	(UK).....CORD, POWER	
	⚠ 1-551-472-23	(E).....CORD, POWER	
902	⚠ 1-551-908-11	(AEP).....CORD, POWER, EULO PLUG	
923	1-551-294-00	CORD (WITH PLUG)	
M101	8-835-126-01	MOTOR, DC (DNR-7600A)	

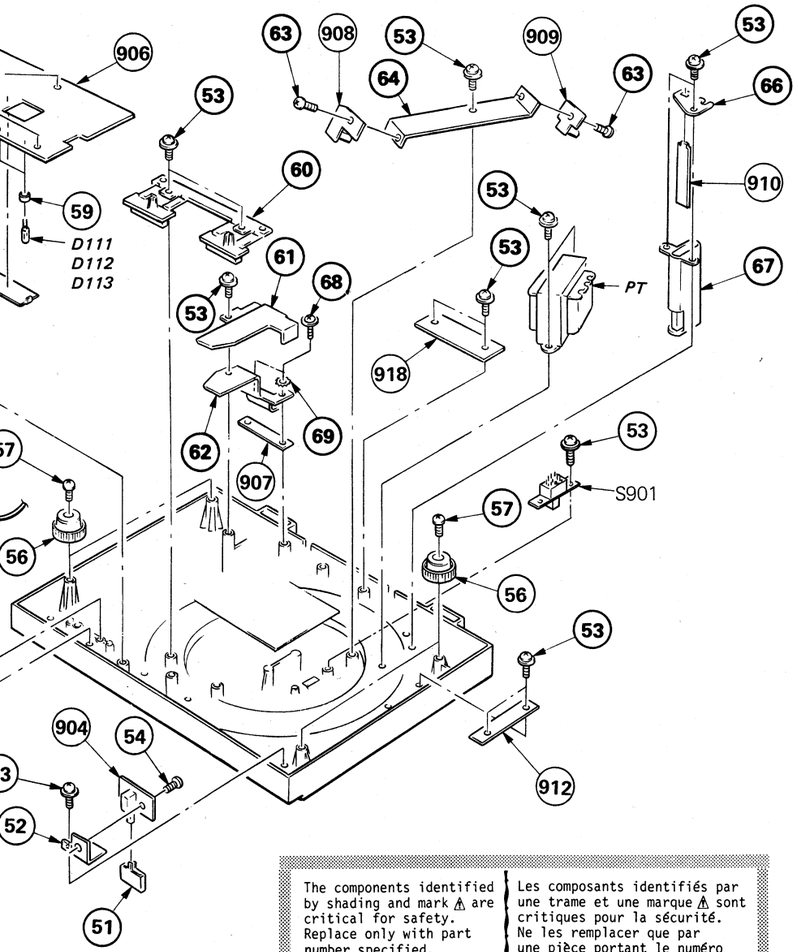
(2)



The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.	Les composants une trame et un critiques pour Ne les remplace une pièce porta spécifié.

No.	Part No.	Description	Remarks
51	4-903-436-11	BUTTON, POWER	
52	*4-903-437-01	BRACKET, SWITCH	
53	3-703-137-00	SCREW, TAPPING +PTPWH 3X10	
54	7-621-775-00	SCREW +B 2.6X4	
55	4-903-441-11	BUTTON (S.S)	
56	X-4903-301-1	INSULATOR ASSY	
57	3-703-136-00	SCREW, TAPPING +PTPWH 3X12	
58	*4-903-450-01	PLATE (P), SHIELD	
59	*4-901-650-00	SPACER (A), LED	
60	4-903-443-01	BUTTON (SR)	
61	*4-889-526-01	PLATE (UPPER), SHIELD	
62	*4-889-524-01	PLATE (LOWER), SHIELD	
63	7-685-750-04	SCREW +PTT 3X5 (S)	
64	*4-903-454-01	BRACKET (B), SENSOR	
66	*4-874-255-00	BRACKET, CHASSIS	
67	X-4874-213-7	HOUSE ASSY, LIGHT	
68	3-703-136-00	SCREW, TAPPING +PT	
69	7-623-422-07	LW 3, TYPE B	
904	*1-615-858-11	PC BOARD, POWER SW	
905	*1-615-857-11	PC BOARD, S/S SW	
906	*A-4619-269-A	(PS-LX430,LX430(C)	
	A-4619-270-A	(PS-LX430(C)Canadi ...MOUNT	
	A-4619-271-A	(PS-LX431:AEP,UK) ...MOUNT	
907	*1-615-860-11	PC BOARD, PHONO	
908	*1-615-863-11	PC BOARD, SIZE (IN	
909	*1-615-862-11	PC BOARD, SIZE (OU	
910	*1-615-859-11	PC BOARD, LAMP	
912	*1-615-861-11	PC BOARD, POWER	
S901	⚠ 1-552-535-00	(E)...SWITCH, VOLT	
PT	⚠ 1-448-195-11	(US,Canadian)...TR	
PT	⚠ 1-448-196-11	(AEP,UK).....TR	
PT	⚠ 1-448-425-11	(E).....TR	

PS-LX430/430C/431/431N/433



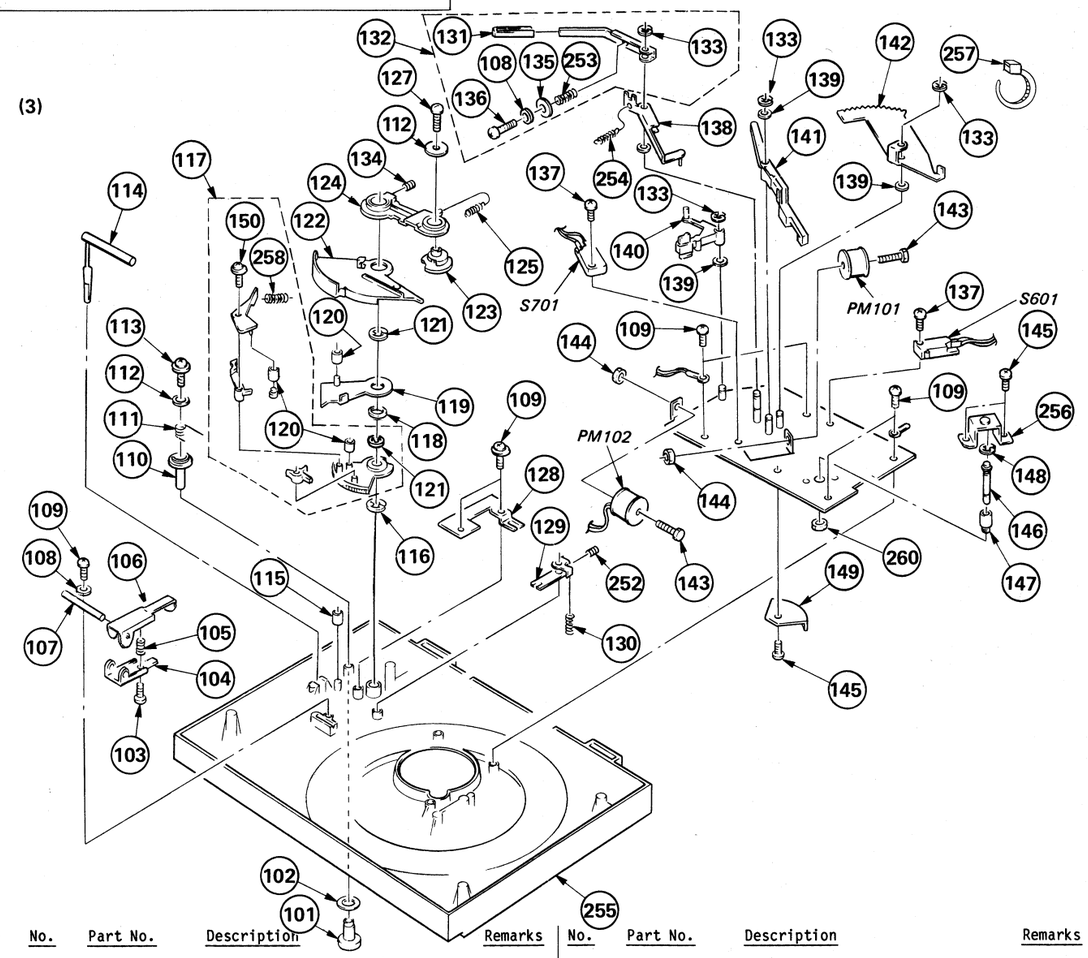
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

tion	Remarks
POWER	
, SWITCH	
TAPPING +PTPWH 3X10	
B 2.6X4	
(S.S)	
OR ASSY	
TAPPING +PTPWH 3X12	
P), SHIELD	
(A), LED	
(SR)	
UPPER), SHIELD	
LOWER), SHIELD	
PTT 3X5 (S)	
(B), SENSOR	
, CHASSIS	
SSY, LIGHT	

No.	Part No.	Description	Remarks
68	3-703-136-00	SCREW, TAPPING +PTPWH 3X12	
69	7-623-422-07	LW 3, TYPE B	
904	*1-615-858-11	PC BOARD, POWER SW	
905	*1-615-857-11	PC BOARD, S/S SW	
906	*A-4619-269-A	(PS-LX430,LX430(C),LX431(N),LX433:US)	
	A-4619-270-A	(PS-LX430(C)Canadian)	
		...MOUNTED PCB, SYSTEM CONTROL	
	A-4619-271-A	(PS-LX431:AEP,UK)	
		...MOUNTED PCB, SYSTEM CONTROL	
907	*1-615-860-11	PC BOARD, PHONO	
908	*1-615-863-11	PC BOARD, SIZE (IN)	
909	*1-615-862-11	PC BOARD, SIZE (OUT)	
910	*1-615-859-11	PC BOARD, LAMP	
912	*1-615-861-11	PC BOARD, POWER	
S901	⚠ .1-552-535-00	(E)...SWITCH, VOLTAGE SELECT	
PT	⚠ .1-448-195-11	(US,Canadian)...TRANSFORMER, POWER	
PT	⚠ .1-448-196-11	(AEP,UK).....TRANSFORMER, POWER	
PT	⚠ .1-448-425-11	(E).....TRANSFORMER, POWER	

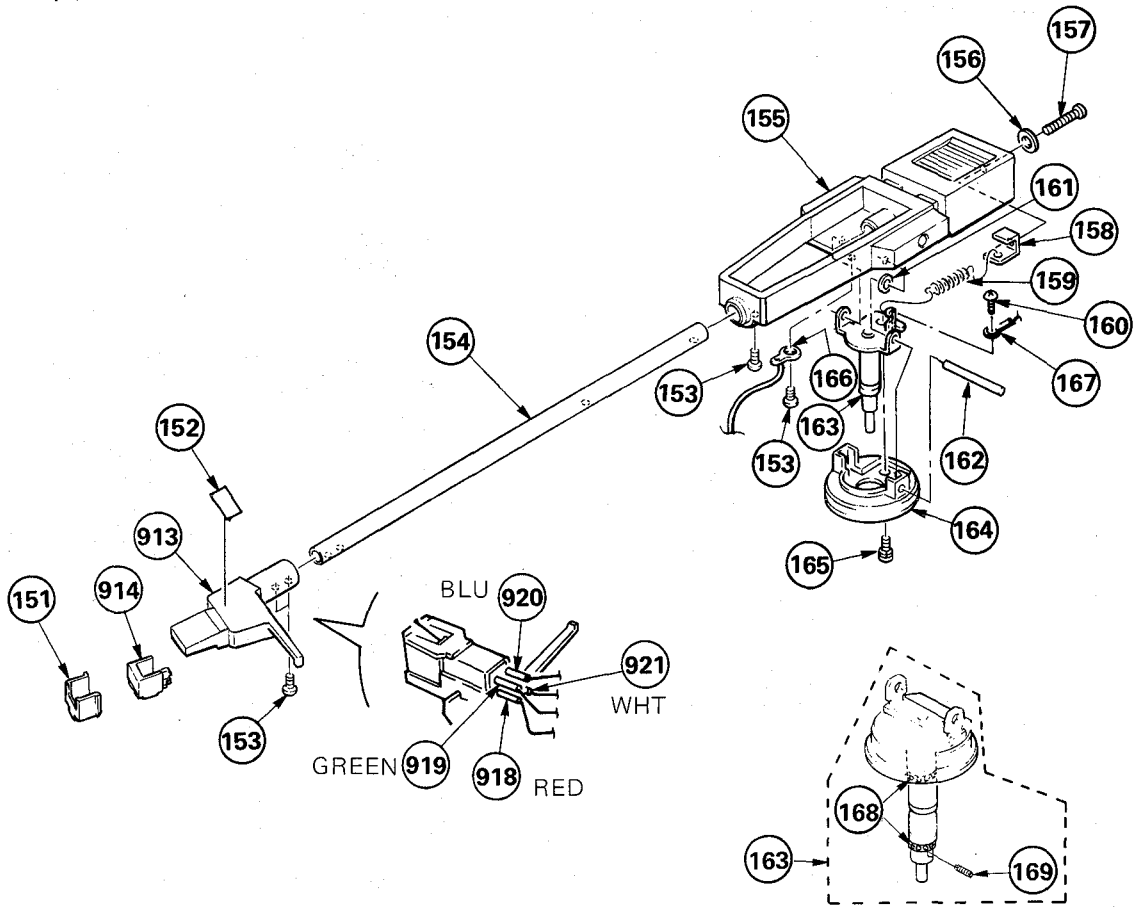
(3)



No.	Part No.	Description	Remarks
101	4-881-633-00	(PS-LX431,LX431(N)).....KNOB (I), IFC	
	4-903-333-01	(PS-LX430,LX430(C),LX433)...KNOB, IFC	
102	4-844-041-11	WASHER, (N)	
103	7-621-775-80	SCREW +B 2.6X16	
104	*4-880-501-00	LEVER (A), LIFTER	
105	4-880-503-00	SPRING, COMPRESSION	
106	*4-881-659-00	LEVER (C), LIFTER	
107	*4-861-940-00	SHAFT, LIFTER LEVER	
108	*4-301-647-00	WASHER, SPECIAL, 12	
109	3-703-137-00	SCREW, TAPPING +PTPWH 3X10	
110	4-903-409-01	CAM, IFC	
111	4-874-250-00	SPRING	
112	0-056-028-00	WASHER, PLAIN, 14 DIA.	
114	4-877-824-00	CAM, LIFTER	
113	7-685-152-21	SCREW PTPWH 3X25 TYPE 2	
115	4-852-841-00	TUBE	
116	7-624-133-54	STOP RING 10, TYPE-CE	
117	X-4881-610-0	LEVER (C) ASSY, INDEX	
118	4-911-107-01	POLY-SLIDER (DIA. 9.5)(LARGE)	
119	*X-4874-209-0	LEVER (B) ASSY, INDEX	
120	4-874-259-00	RUBBER, SHOCK ABSORBING	
121	7-624-133-44	STOP RING 9, TYPE-CE	
122	4-874-223-00	LEVER (A), ARM	
123	4-874-231-00	CAM, ECCENTRIC	
124	4-874-277-00	LEVER (B), ARM	
125	3-548-124-00	SPRING, TENSION	
126	4-844-041-00	WASHER, (N)	
127	7-685-145-14	SCREW +P 3X6 TYPE2 SLIT	
128	*4-903-410-01	RETAINER (C), LIFTER	
129	*4-876-317-00	GUIDE, LIFTER	
130	4-903-331-01	SPRING (LIFTER), COMPRESSION	

No.	Part No.	Description	Remarks
131	4-874-275-00	PAD, BRAKE	
132	*X-4874-206-0	LEVER ASSY, BRAKE	
134	3-701-509-00	SET SCREW, DOUBLE CUP 3X8	
135	4-812-554-00	WASHER	
136	7-682-110-01	SCREW +P 3X18	
137	7-685-755-01	SCREW +PTT 3X14 (S)	
138	*X-4874-205-0	LEVER ASSY, RESET	
139	3-701-441-21	WASHER	
140	X-4874-204-0	LEVER ASSY, SIZE	
141	X-4874-203-7	LEVER ASSY, CLUTCH	
142	*X-4874-202-0	LEVER ASSY, MAIN	
143	4-874-234-00	CORE	
144	7-622-207-05	N 2.6, TYPE 2	
145	7-682-546-04	SCREW +BVTT 3X5 (S)	
146	4-889-523-01	SHAFT, CENTER	
147	4-909-022-01	BEARING (B)	
148	7-624-133-34	STOP RING 8, TYPE-CE	
149	*4-903-438-01	PLATE, RESET	
150	7-687-202-21	TOTSU PTPWH 2X4, TYPE 2, SLIT	
251	*X-4903-405-1	CHASSIS ASSY	
252	7-621-741-09	SET-SCT HEX. 2.6X8 WP	
253	4-876-322-00	SPRING, COMPRESSION (BRAKE)	
254	4-876-346-00	SPRING, TENSION (RESET)	
255	4-903-444-41	FRAME	
256	*4-909-021-01	BRACKET, BEARING	
257	3-701-748-00	CLAMP	
260	4-909-084-01	NUT, BEARING	
PM101	1-454-394-21	SOLENOID, PLUNGER	
PM201	1-454-394-21	SOLENOID, PLUNGER	
S601	1-570-489-11	SWITCH, MICRO (ARM,REST)(PLAY)	
S701	1-570-489-11	SWITCH, MICRO (ARM,REST)(PLAY)	

(4) PS-LX431, PS-LX431N

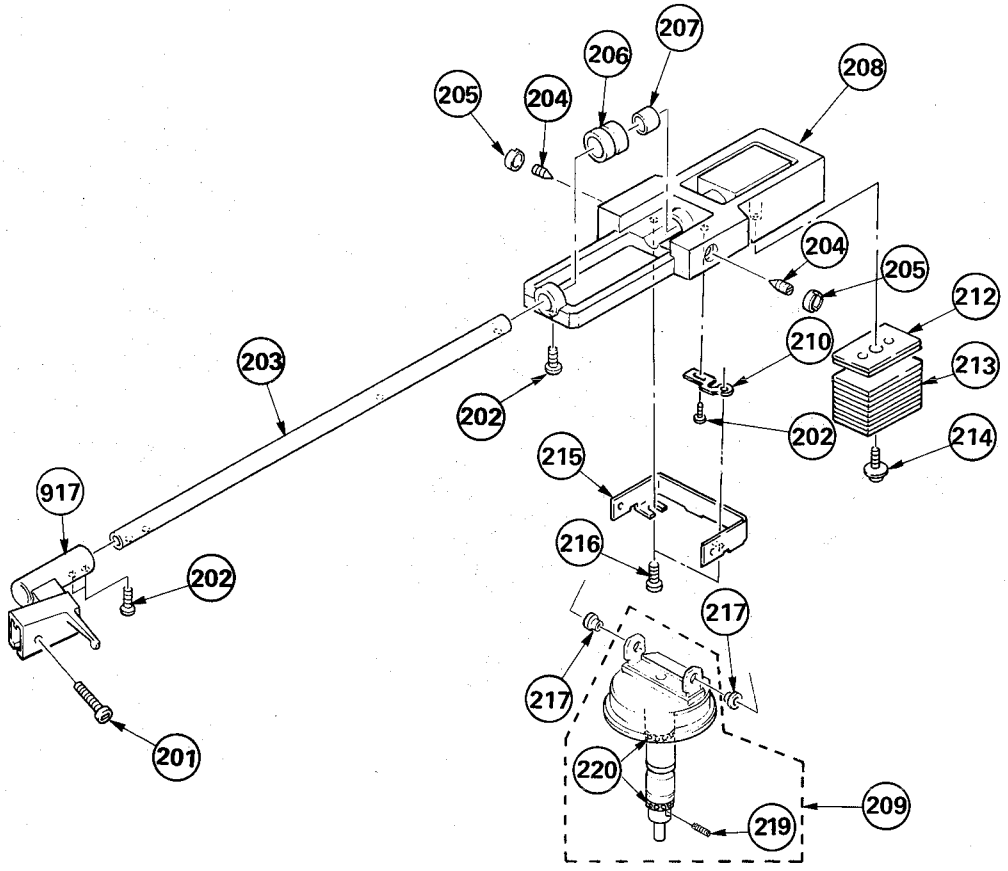


No.	Part No.	Description	Remarks
151	3-706-613-00	PROTECTOR	
152	3-706-612-00	LABEL, CARTRIDGE	
153	7-685-103-2	SCREW +P 2X5 TYPE2 SLIT	
154	4-889-528-11	PIPE, ARM	
155	4-889-529-11	JOINT, PIPE	
156	7-688-003-13	W 3, MIDDLE	
157	7-682-555-09	SCREW +B 3X30	
158	4-868-016-01	HOOK, SPRING	
159	4-889-510-00	SPRING, TENSION	
160	7-682-545-09	SCREW +B 3X4	
161	3-701-437-01	WASHER, 2	
162	4-880-619-00	PIN, HORIZONTAL	

No.	Part No.	Description	Remarks
163	X-4881-614-0	ROTOR ASSY	
164	4-880-631-11	JOINT, CENTER	
165	7-682-647-01	SCREW +PS 3X6	
166	7-623-505-01	LUG, 2	
167	7-623-508-01	LUG, 3	
168	7-671-151-01	STAINLESS, BALL 1/16INCH	
169	7-621-712-17	SET-SCREW, SLOT 2.6X2 CUP POINT	
913	1-549-109-21	CARTRIDGE(WITH SHELL)(VL-42G)151,152,914	
914	3-706-614-11	SHELL	
918	1-557-042-11	(RED).....LEAD (WITH TERMINAL)	
919	1-557-042-21	(GRN).....LEAD (WITH TERMINAL)	
920	1-557-042-31	(BLU).....LEAD (WITH TERMINAL)	
921	1-557-042-41	(WHT).....LEAD (WITH TERMINAL)	

(5) PS-LX430/430C/433

(**PS-LX430/LX433**: Cartridge is not supplied with US, Canadian certain models)



No.	Part No.	Description	Remarks
201	4-887-481-01	SCREW (B), CARTRIDGE FITTING	
202	7-685-103-29	SCREW +P 2X5 TYPE2 SLIT	
203	4-903-307-11	PIPE, ARM	
204	2-203-518-61	SCREW, PIVOT	
205	2-203-519-00	NUT (A), LOCK, PIVOT	
206	*4-903-312-11	WEIGHT, SUB	
207	*4-903-308-01	SHEET (S)	
208	4-903-336-11	JOINT, PIPE	
209	X-4881-611-2	JOINT ASSY, CENTER	
210	*4-889-539-01	(PS-LX430,LX430(C),LX433:BLACK) ....PLATE, GROUND	

No.	Part No.	Description	Remarks
212	*4-903-350-01	WEIGHT, SUPPORT	
213	4-877-810-00	WEIGHT	
214	7-687-234-21	SCREW, TOTSU PTPWH 2.6X8, TYPE2	
215	*4-881-628-00	REINFORCEMENT (A)	
216	7-685-105-29	SCREW +P 2X8 TYPE2 SLIT	
217	4-881-618-00	BEARING, PIVOT	
219	7-621-712-17	SET-SCREW, SLOT 2.6X2 CUP POINT	
220	7-671-151-01	STAINLESS, BALL 1/16INCH	
915	1-549-117-21	CARTRIDGE (VL-45G)	
917	*1-562-517-41	CONNECTOR(WITH HEAD SHELL) 4P	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF:μF, PF:μμF.

RESISTORS
- All resistors are in ohms.
- F : nonflammable

COILS
- MMH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ, for example:
UA...: μA..., UPA...: μPA..., UPC...: μPC, UPD...: μPD...

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
901	⚠ .1-551-506-XX	(US,Canadian)...CORD, POWER			
	⚠ .1-556-562-00	(UK).....CORD, POWER			
	⚠ .1-551-472-23	(E).....CORD, POWER			
902	⚠ .1-551-908-11	(AEP)....CORD, POWER, EULO PLUG			
904	*1-615-858-11	PC BOARD, POWER SW			
905	*1-615-857-11	PC BOARD, S/S SW			
906	*A-4619-269-A	(PS-LX430,LX430(C),LX431(N),LX433:US) ...MOUNTED PCB, SYSTEM CONTROL			
	A-4619-270-A	(PS-LX430(C)Canadian) ...MOUNTED PCB, SYSTEM CONTROL			
	A-4619-271-A	(PS-LX431:AEP,UK) ...MOUNTED PCB, SYSTEM CONTROL			
907	*1-615-860-11	PC BOARD, PHONO			
908	*1-615-863-11	PC BOARD, SIZE (IN)			
909	*1-615-862-11	PC BOARD, SIZE (OUT)			
910	*1-615-859-11	PC BOARD, LAMP			
912	*1-615-861-11	PC BOARD, POWER			
913	1-549-109-21	CARTRIDGE (WITH SHELL)			
914	3-706-614-11	SHELL			
915	1-549-117-21	CARTRIDGE (VL-45G)			
917	*1-562-517-41	CONNECTOR(WITH HEAD SHELL) 4P			
918	1-557-042-11	(RED)...LEAD (WITH TERMINAL)			
919	1-557-042-21	(GRN)...LEAD (WITH TERMINAL)			
920	1-557-042-31	(BLU)...LEAD (WITH TERMINAL)			
921	1-557-042-41	(WHT)...LEAD (WITH TERMINAL)			
923	1-551-294-00	CORD (WITH PLUG)			
C101	1-123-337-00	ELECT	1000MF	20%	25V
C103	1-123-646-00	ELECT	33MF	20%	6.3V
C104	1-123-646-00	ELECT	33MF	20%	6.3V
C105	1-162-286-31	CERAMIC	220PF	10%	50V
C106	1-162-286-31	CERAMIC	220PF	10%	50V
C107	1-123-611-00	ELECT	1MF	20%	50V
C108	1-123-611-00	ELECT	1MF	20%	50V
C109	1-123-617-00	ELECT	10MF	20%	16V
C110	1-123-322-00	ELECT	330MF	20%	16V
C111	1-161-494-00	CERAMIC	0.022MF	30%	25V
C112	1-162-306-31	CERAMIC	0.01MF	30%	16V
C113	1-162-306-31	CERAMIC	0.01MF	30%	16V
C114	1-162-306-31	CERAMIC	0.01MF	30%	16V
C115	1-162-306-31	CERAMIC	0.01MF	30%	16V
C116	1-162-306-31	CERAMIC	0.01MF	30%	16V
C117	1-162-294-31	CERAMIC	0.001MF	10%	50V
C118	1-162-306-31	CERAMIC	0.01MF	30%	16V
C119	1-123-661-00	ELECT	220MF	20%	6.3V
C120	1-162-306-31	CERAMIC	0.01MF	30%	16V

ELECTRICAL PARTS

Ref.No.	Part No.	Description
CP1	*1-508-801-00	U TYPE BASE POST 4P
CP2	*1-508-801-00	U TYPE BASE POST 4P
CP3	*1-508-799-00	BASE POST (U TYPE)
CP4	*1-508-799-00	BASE POST (U TYPE)
CNP1	*1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P
CNP2	*1-564-980-11	PIN, CONNECTOR 4P (CONTROL S OUT)
CNP3	*1-564-980-11	PIN, CONNECTOR 4P (CONTROL S IN)
CNP4	1-564-358-00	PIN, CONNECTOR 3P (SYNC)
D101	8-719-200-02	DIODE 10E2
D102	8-719-200-02	DIODE 10E2
D103	8-719-200-02	DIODE 10E2
D104	8-719-200-02	DIODE 10E2
D105	8-719-102-76	DIODE RD6.8EN1
D106	8-719-107-94	DIODE 1SS202-1
D108	8-719-107-94	DIODE 1SS202-1
D109	8-719-107-94	DIODE 1SS202-1
D110	8-719-107-94	DIODE 1SS202-1
D111	8-719-906-58	DIODE GL-5HD21
D112	8-719-906-58	DIODE GL-5HD21
D113	8-719-906-58	DIODE GL-5HD21
D115	8-719-107-94	DIODE 1SS202-1
IC101	8-759-103-35	IC UPC1470H
IC102	8-759-801-85	IC LM6416E-557
L101	1-407-177-XX	MICRO INDUCTOR 470UH
M101	8-835-126-01	MOTOR, DC (DNR-7600A)
PL101	1-518-268-00	LAMP, PILOT 4.5V 40MA
PM101	1-454-394-21	SOLENOID, PLUNGER
PM201	1-454-394-21	SOLENOID, PLUNGER
PT	⚠ .1-448-195-11	(US,Canadian)..TRANSFORMER, POWER
PT	⚠ .1-448-196-11	(AEP,UK).....TRANSFORMER, POWER
PT	⚠ .1-448-425-11	(E).....TRANSFORMER, POWER
Q101	8-729-180-93	TRANSISTOR 2SD809
Q102	8-729-802-34	TRANSISTOR 2SD1388
Q103	8-729-802-34	TRANSISTOR 2SD1388
Q104	8-729-173-37	TRANSISTOR 2SA733-P
Q105	8-729-800-83	TRANSISTOR 2SB808
Q106	8-729-802-34	TRANSISTOR 2SD1388
Q107	8-729-900-80	TRANSISTOR DTC114ES
Q108	8-729-900-38	TRANSISTOR DTA114EF
Q109	8-729-900-80	TRANSISTOR DTC114ES
Q110	8-729-900-80	TRANSISTOR DTC114ES
Q301	8-729-902-39	TRANSISTOR PD401
Q401	8-729-902-39	TRANSISTOR PD401

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R101	1-806-883-11	(Canadian,AEP,UK)...THERMISTOR (POSITIVE)			
R103	1-247-831-00	CARBON	1K	5%	1/6W
R104	1-247-811-00	CARBON	150	5%	1/6W
R105	1-247-695-11	CARBON	39	5%	1/4W
R106	1-249-429-11	CARBON	10K	5%	1/6W
R107	1-249-425-11	CARBON	4.7K	5%	1/6W
R108	1-249-429-11	CARBON	10K	5%	1/6W
R109	1-249-425-11	CARBON	4.7K	5%	1/6W
R110	1-249-433-11	CARBON	22K	5%	1/6W
R111	1-249-433-11	CARBON	22K	5%	1/6W
R112	1-247-903-00	CARBON	1M	5%	1/6W
R113	1-249-421-11	CARBON	2.2K	5%	1/6W
R114	1-249-421-11	CARBON	2.2K	5%	1/6W
R115	1-249-421-11	CARBON	2.2K	5%	1/6W
R116	1-249-433-11	CARBON	22K	5%	1/6W
R117	1-249-421-11	CARBON	2.2K	5%	1/6W
R118	1-247-831-00	CARBON	1K	5%	1/6W
R119	1-214-721-00	METAL	470	1%	1/4W
R120	1-214-717-00	METAL	330	1%	1/4W
R121	1-247-831-00	CARBON	1K	5%	1/6W
R122	1-247-879-00	CARBON	100K	5%	1/6W
R123	1-249-421-11	CARBON	2.2K	5%	1/6W
R124	1-249-429-11	CARBON	10K	5%	1/6W
R125	1-249-429-11	CARBON	10K	5%	1/6W
R126	1-249-429-11	CARBON	10K	5%	1/6W
R127	1-247-821-00	CARBON	390	5%	1/6W
R128	1-247-821-00	CARBON	390	5%	1/6W
R129	1-247-821-00	CARBON	390	5%	1/6W
R130	1-249-429-11	CARBON	10K	5%	1/6W
R131	1-249-429-11	CARBON	10K	5%	1/6W
R132	1-249-429-11	CARBON	10K	5%	1/6W
R133	1-249-429-11	CARBON	10K	5%	1/6W
R134	1-249-429-11	CARBON	10K	5%	1/6W
R135	1-247-831-00	CARBON	1K	5%	1/6W
R136	1-247-831-00	CARBON	1K	5%	1/6W
R137	1-247-831-00	CARBON	1K	5%	1/6W
R138	1-247-831-00	CARBON	1K	5%	1/6W
R139	1-247-831-00	CARBON	1K	5%	1/6W
R140	1-249-433-11	CARBON	22K	5%	1/6W
R141	1-249-432-11	CARBON	18K	5%	1/6W
R142	1-247-857-00	CARBON	12K	5%	1/6W
R143	1-247-807-00	CARBON	100	5%	1/6W
R144	1-247-783-00	CARBON	10	5%	1/6W
R151	1-249-429-11	CARBON	10K	5%	1/6W
R152	1-249-429-11	CARBON	10K	5%	1/6W
R153	1-247-807-00	CARBON	100	5%	1/6W
R154	1-247-851-00	CARBON	6.8K	5%	1/6W
R155	1-247-742-11	CARBON	180	5%	1/2W
R156	1-249-429-11	CARBON	10K	5%	1/6W
RV101	1-226-233-00	RES, ADJ, CARBON 1K			
RV102	1-226-232-00	RES, ADJ, CARBON 500			
S601	1-570-489-11	SWITCH, MICRO (ARM,REST)(PLAY)			
S701	1-570-489-11	SWITCH, MICRO (ARM,REST)(PLAY)			
S901⚠	1-552-535-00	(E)...SWITCH, VOLTAGE SELECT			

ELECTRICAL PARTS

Ref.No.	Part No.	Description
SW101	1-553-909-00	SWITCH, PUSH (1 KEY)(POWER)
SW102	1-554-541-12	SWITCH, KEY BOARD (START/STOP)
SW103	1-554-541-12	SWITCH, KEY BOARD (REPEAT)
SW104	1-554-541-12	SWITCH, KEY BOARD (SPEED)
X101	1-567-342-11	OSCILLATOR, CERAMIC

ACCESSORY & PACKING MATERIAL

Part No.	Description
⚠ 1-526-565-12	(E)...ADAPTOR, AC PLUG
1-556-372-41	(PS-LX430,LX430(C),LX431,LX433) ...CORD, CONNECTION (4 CORE)
1-557-109-21	(PS-LX430,LX430(C),LX431,LX433) ...CORD, CONNECTION
1-558-233-11	(PS-LX430,LX430(C),LX431,LX433)...CORD (WITH CONNECTOR)(SIRCS) 4P
1-558-649-11	(PS-LX430,LX430(C),LX431,LX433)...CORD (WITH CONNECTOR) 3P
3-701-630-00	(PS-LX430,LX430(C),LX431,LX433) .....BAG, POLYETHYLENE
3-701-634-00	BAG, POLYETHYLENE
3-701-806-01	ADAPTOR, 45RPM
3-703-450-01	(PS-LX430,LX430(C),LX433:US)...INSTRUCTION
3-795-753-21	(PS-LX430,LX433).....INSTRUCTION
3-703-845-01	(US,Canadian)...LABEL (N)(U/C), MAIN CAUTION
3-765-235-11	(PS-LX431:AEP,UK,E).....MANUAL, INSTRUCTION
3-765-235-21	(PS-LX430,LX430(C),LX433:US,Canadian) ...MANUAL, INSTRUCTION
3-765-235-31	(PS-LX430(C):Canadian)...MANUAL, INSTRUCTION
3-765-235-41	(PS-LX431:AEP).....MANUAL, INSTRUCTION
3-794-123-11	LABEL, CAUTION
4-862-043-00	CUSHION, ARM
4-874-262-00	(PS-LX430,LX430(C),LX431,LX433)..GUIDE, RECORD
4-876-352-00	SHEET, PROTECTION
4-881-698-00	(PS-LX430,LX430(C),LX431,LX433) ...PLATE, PROTECTION
4-889-536-01	(PS-LX430,LX430(C),LX431,LX433)..CUSHION (LEFT)
4-889-540-02	(PS-LX431(N))..... CUSHION (LEFT)
4-889-537-01	(PS-LX430,LX430(C),LX431,LX433)..CUSHION(RIGHT)
4-889-541-02	(PS-LX431(N))..... CUSHION(RIGHT)
4-889-538-01	HOLDER, TURNTABLE
4-889-544-01	(PS-LX431(N))....SPACER
4-903-422-00	(PS-LX430,LX430(C),LX433)...HOLDER, ARM
*4-903-452-01	SPACER, CLUTCH
4-903-468-01	(PS-LX431).....INDIVIDUAL CARTON
4-903-468-11	(PS-LX430).....INDIVIDUAL CARTON
4-903-468-21	(PS-LX430(C))...INDIVIDUAL CARTON
4-903-468-31	(PS-LX433).....INDIVIDUAL CARTON

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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